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SESSIONAL PAPERS.

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THIRD SESSION OF THE FIFTH PARLIAMENT

OF THE



DOMINION OF CANADA.

SESSION 1885.

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OF THE

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1. Public Accounts of Canada for the fiscal year ended 30th June, 1884. Presented to the House of Commons, 2nd February, 1885, by Sir Leonard Tilley. Estimates of the sums required for the service of the Dominion, for the year ending 30th June, 1886; presented 27th February. Supplementary Estimates of Canada for the fiscal year ended 30th June, 1885; presented 23rd June. Supplementary Estimates for the financial year ending 30th June, 1886; presented 13th July. Further Supplementary Estimates of Canada, for the financial year ending 30th June, 1886.....*Printed for both Distribution and Sessional Papers.*

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2. Tables of the Trade and Navigation of the Dominion of Canada, for the fiscal year ended 30th June, 1884, compiled from official returns. Presented to the House of Commons, 2nd February, 1885, by Hon. M. Bowell.....*Printed for both Distribution and Sessional Papers.*

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3. Report of the Department of Indian Affairs, for the year ended 31st December, 1884. Presented to the House of Commons, 2nd February, 1885, by Sir John A. Macdonald—
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4. Annual Report, Returns and Statistics of the Inland Revenues of the Dominion of Canada, for the fiscal year ended 30th June, 1884. Supplement No. 1—Canal Statistics for season of navigation, 1884. Supplement No. 2—Eleventh Report on Inspection of Weights, Measures and Gas, 1884. Supplement No. 3—Report on Adulteration of Food, 1884. Presented to the House of Commons, 2nd February, 1885, by Hon. J. Costigan—
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5. Annual Report of the Auditor-General on Appropriation Accounts, for the fiscal year ended 30th June, 1884. Presented to the House of Commons, 2nd February, 1885, by Sir Leonard Tilley.....*Printed for both Distribution and Sessional Papers.*
6. Annual Report of the Postmaster-General, for the year ended 30th June, 1884. Presented to the House of Commons, 11th February, 1885, by Hon. J. Carling—
Printed for both Distribution and Sessional Papers.

7. Annual Report of the Department of Militia and Defence of the Dominion of Canada, for the year ended 31st December, 1884. Presented to the House of Commons, 5th February, 1885, by Hon. J. P. R. A. Caron..... *Printed for both Distribution and Sessional Papers.*

CONTENTS OF VOLUME No. 5.

8. Annual Report of the Minister of Agriculture for the Dominion of Canada, for the year ended 31st December, 1884. Report on Historical Archives. Abstracts of the Returns of Mortuary Statistics, for the year 1884. Presented to the House of Commons, 20th March, 1885, by Hon. J. H. Pope..... *Printed for both Distribution and Sessional Papers.*

CONTENTS OF VOLUME No. 6.

9. Seventeenth Annual Report of the Department of Marine and Fisheries, being for the fiscal year ended 30th June, 1884. Presented to the House of Commons, 16th February, 1885, by Hon. A. W. McLelan..... *Printed for both Distribution and Sessional Papers.*
- 9a. Preliminary Report on the Fisheries of Canada, for the year 1884. Presented to the House of Commons, 27th February, 1885, by Hon. A. W. McLelan—
Printed for both Distribution and Sessional Papers.
- 9b. First Annual Report of the Department of Fisheries, Dominion of Canada, for the year 1884. Presented to the House of Commons, 28th May, 1885, by Hon. A. W. McLelan—
Printed for both Distribution and Sessional Papers.
- 9c. Report of the Fish-breeding in the Dominion of Canada, for 1884. Presented to the House of Commons, 14th April, 1885, by Hon. A. W. McLelan—
Printed for both Distribution and Sessional Papers.

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10. Annual Report of the Minister of Public Works of Canada, for the fiscal year ended 30th June, 1884, on the works under his control. Presented to the House of Commons, 2nd February, 1885, by Sir Hector Langevin..... *Printed for both Distribution and Sessional Papers.*
11. Annual Report of the Minister of Railways and Canals, for the fiscal year ended 30th June, 1884, on the works under his control. Presented to the House of Commons, 11th February, 1885, by Hon. J. H. Pope..... *Printed for both Distribution and Sessional Papers.*
- 11a. Reports of the Railway Statistics of Canada, and capital, traffic and working expenditure of the railways of the Dominion, for the year 1883-84. Presented to the House of Commons, 15th April, 1885, by Hon. J. H. Pope..... *Printed for both Distribution and Sessional Papers.*
12. Annual Report of the Secretary of State of Canada, for the year ended 31st December, 1884. Presented to the House of Commons, 17th February, 1885, by Hon. J. A. Chapleau—
Printed for both Distribution and Sessional Papers.
13. Annual Report of the Department of the Interior, for the year ended 31st December, 1884. Presented to the House of Commons, 30th January, 1885, by Sir John A. Macdonald—
Printed for both Distribution and Sessional Papers.

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14. Report of the Superintendent of Insurance, for the year ended 31st December, 1884—
Printed for both Distribution and Sessional Papers.
- 14a. Abstract of Statements of Fire and Inland Marine Insurance Companies in Canada, for the year ended 31st December, 1884. Presented to the House of Commons, 30th March, 1885, by Sir Leonard Tilley. Report of the Superintendent of Insurance, for the year ended 31st December, 1884..... *Printed for both Distribution and Sessional Papers.*

- 14b.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a statement showing the receipts and expenditure of the liquidators of the Canada Agricultural Insurance Company, from date of appointment up to this day, giving in detail the names of shareholders who have paid instalments, the dates and amounts of payments made, the balances due, the amount now owing by each shareholder, and the amounts for which they were liable when the company was put in liquidation; also a detailed statement of the sums paid by the said liquidators, the names of the persons to whom payments were made, the dates thereof, the object for which such payments were made, and all other information necessary to show precisely the financial condition of the said insolvent company, including a statement of the affairs of the company when it was placed in liquidation. Presented to the House of Commons, 31st March, 1885.—*Mr. Amyot* *Not printed.*
- 15.** Annual Report of the Minister of Justice as to Penitentiaries in Canada, for the year ended 30th June, 1884. Presented to the House of Commons, 2nd February, 1885, by Sir Hector Langevin.....*Printed for both Distribution and Sessional Papers.*
- 15a.** Return to an Order of the House of Commons, dated 30th March, 1885, for copies of all correspondence between the Department of Justice and the Inspectors or the Warden of the Penitentiary of British Columbia, in regard to the suspension, in whole or in part, of any of the rules of said institution. Presented to the House of Commons, 20th April, 1885.—*Mr. Shakespeare*..... *Not printed.*
- 16.** Annual Report on the Library of Parliament. Presented to the House of Commons, 29th January, 1885, by Hon. Mr. Speaker.....*Printed for Sessional Papers only.*

CONTENTS OF VOLUME No. 9.

- 17.** Shareholders in the Chartered Banks of the Dominion of Canada, as on the 31st of December, 1884. Presented to the House of Commons, 20th March, 1885, by Sir Leonard Tilley—
Printed for both Distribution and Sessional Papers.
- 17a.** Memorandum respecting the estate of the Bank of Upper Canada. Presented to the Senate, 25th February, 1885, by Hon. Sir Alexander Campbell.....*Not printed.*
- 18.** Dominion Police Commissioners' Return to Parliament, 1884, required by 31 Victoria, chapter 73. Presented to the House of Commons, 2nd February, 1885, by Sir Hector Langevin—
Not printed.
- 19.** Return of Governor General's Warrants issued since last Session of Parliament on account of 1883-84 and 1884-85, in accordance with 41 Victoria, chapter 7, section 32, sub-section 2. Presented to the House of Commons, 2nd February, 1885, by Sir Leonard Tilley.
Printed for Distribution only.
- 20.** Statement of payments charged to Unforeseen Expenses, by Orders in Council, from 1st July, 1884, to date, in conformity with Act 47 Victoria, chapter 2, schedule B. Presented to the House of Commons, 2nd February, 1885, by Sir Leonard Tilley.....*Not printed.*
- 21.** Report of the Commissioners appointed to consolidate and revise the Statutes of Canada. Presented to the House of Commons, 3rd February, 1885, by Sir John A. Macdonald.
Printed for Distribution only.
- 22.** Statement of name and rank of each person superannuated or retired, his salary, age, length of service, the allowance granted him on retirement, cause of his superannuation, and whether the vacancy has been subsequently filled, and, if so, whether by promotion or new appointment, and the salary of the new appointee, under 46 Victoria, chapter 8, section 15, from 1st January to 31st December, 1884. Presented to the House of Commons, 3rd February, 1885, by Sir Leonard Tilley.....*Printed for Distribution only.*
- 22a.** Return to an Order of the House of Commons, dated 6th February, 1885, for a statement showing for the time elapsed since the period covered by the Order of the House of Commons

of last Session, with reference to the Superannuation Fund : 1. The number of persons on the list for the year as entitled to the benefit of the Act. 2. The number superannuated during the year under the Act. 3. The number retired during the year on a gratuity under the Act. 4. The total amount paid into the fund from the beginning by those who were during the year superannuated or retired on a gratuity ; distinguishing between those whose superannuation was caused by the abolition of office, those who were superannuated otherwise, and those who retired on a gratuity. 5. The number of persons on the list for the year who died in the service. 6. The total amount paid into the fund from the beginning by those who during the year died in the service. Presented to the House of Commons, 2nd March, 1885.—*Mr. Blake—*

Printed for Sessional Papers only.

22b. Return to an Order of the House of Commons, dated 6th February, 1885, for a Return : 1. Showing the number of persons on the list of Civil Servants on the 1st day of January, in the years 1879-80-81-82-83-84 and '85, separately, contributing to the Superannuation Fund. 2. Showing the number of persons on the list of Civil Servants on the 1st day of January, 1885, entitled to the benefit of the Superannuation Act, by annuity in case of retirement. 3. The total amount paid into the fund from the beginning by each of those superannuated during the year 1884, also the respective amounts paid in by those granted a gratuity during the year 1884. Presented to the House of Commons, 23rd March, 1885.—*Mr. McMullen.....Not printed.*

22c. Return to an Address of the House of Commons, dated 28th March, 1884, for copies of all Orders in Council, correspondence, complaints, reports or other documents in connection with the suspension, superannuation or retirement of W. F. Whitcher from the Public Service. Presented to the House of Commons, 8th June, 1885.—*Mr. Casey.....Not printed.*

23. Return (*in part*) to an Order of the House of Commons, dated 14th February, 1884, for return of all sums paid to the *Gazette* Publishing Company of Montreal, and other newspapers, for printing and advertising during the years 1874 and 1883. Presented to the House of Commons, 4th February, 1885.—*Mr. McMullen.....Not printed.*

23a. Return (*in part*) to an Address of the House of Commons, dated 17th February, 1885, for a Return showing the several sums paid and dates of payment made by the Government between the 1st day of January, 1884, and the 30th day of June, 1884, and between the 1st day of July and the 31st day of December, 1884, to the several printing and publishing companies of the Dominion, or to editors, agents or proprietors of newspapers, or publishers of any kind, for any work done or material furnished. Presented to the House of Commons, 29th May, 1885.—*Mr. McMullen.....Not printed.*

24. Official Return of the distribution of the Dominion Statutes of Canada, being 47 Victoria, 2nd Session, 5th Parliament, 1884—Vols. 1 and 2 separately, and 1 and 2 together ; English and French versions. Presented to the House of Commons, 6th February, 1885, by Hon. J. A. Chapleau.....*Not printed.*

25. Articles of agreement entered into between Andrew Onderdonk and Her Majesty Queen Victoria, represented by the Minister of Railways and Canals of Canada, to furnish and erect a combined passenger and freight building at each of the following places on the line of the Canadian Pacific Railway in British Columbia, viz. :—Yale, Lytton and Ashcroft. Also between John Philip Bacon and Her Majesty Queen Victoria, &c., to construct nine water tanks on Canadian Pacific Railway in British Columbia, between Emory's Bar and Savona's Ferry. Presented to the House of Commons, 6th February, 1885, by Hon. J. H. Pope—*Not printed.*

25a. Return (*in part*) under resolution of the House of Commons, passed on the 20th February, 1882, on all subjects affecting the Canadian Pacific Railway, respecting details as to : 1. The selection of the route. 2. The progress of the work. 3. The selection or reservation of land. 4. The payment of moneys. 5. The laying out of branches. 6. The progress thereon. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto, up to the end of the previous fiscal year. 9. Like particulars up to the latest practicable date before the presentation of the return. 10. Copies of all

Orders in Council and of all correspondence between the Government and the Railway Company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons, 13th February, 1885, by Hon. J. H. Pope—

Printed for Sessional Papers only.

- 25b.** Annual Return *in re* the Canadian Pacific Railway, 1884-85, under resolution of the House of Commons, passed on the 20th February, 1882. Presented to the House of Commons, 13th February, 1885, by Sir John A. Macdonald.....*Printed for Sessional Papers only.*
- 25c.** Supplementary Return to a Standing Order of the House of Commons, dated 20th February, 1882, for full information on all subjects affecting the Canadian Pacific Railway up to the latest date, and particularly all details as to : 1. The selection of the route. 2. The progress of the work. 3. The selection or the reservation of land. 4. The payment of moneys. 5. The laying out of branches. 6. The progress thereon. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto, up to the end of the previous fiscal year. 9. Like particulars up to the latest date before the presentation of the return. 10. Copies of all Orders in Council and of all correspondence between the Government and the Railway Company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons, 17th February, 1885, by Hon. J. A. Chapleau.....*Printed for Sessional Papers only.*
- 25d.** Return to an Order of the House of Commons, dated 9th February, 1885, for a statement and plan showing the grades and curves on the temporary or permanent line actually constructed by the Canadian Pacific Railway Company, from the foot of the Rocky Mountains as far as the rails are laid ; and the proposed grades and curves on the continuation to Kamloops ; showing also the proposed grades and curves on the permanent line at a point at which a temporary line of about nine miles has been constructed. Presented to the House of Commons, 5th March, 1885.—*Mr. Blake**Not printed.*
- 25e.** Return to an Order of the House of Commons, dated 5th February, 1885, for map or maps showing : 1. The location of the Canadian Pacific Railway, so far as approved of or constructed. 2. Its location, so far as proposed to Government, but not yet approved. 3. The location of any branches constructed or acquired and of any now contemplated by the company, so far as the Government is advised. 4. The lands set apart for the company, but not yet granted. 5. The lands granted. 6. The lands applied for, but not yet set apart. Presented to the House of Commons, 5th March, 1885.—*Mr. Blake**Not printed.*
- 25f.** Return to an Address of the House of Commons, dated 5th February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House a copy of : 1. Correspondence between the Canadian Pacific Railway Company and the North Shore Railway Company, for the purchase, by the said Canadian Pacific Railway Company, of the said North Shore Railway from St. Martin's Junction to Quebec, or to obtain control of the same, or to make such arrangements as would allow the said Canadian Pacific Railway to extend its railway to Quebec. 2. Of all correspondence between the Government and the Canadian Pacific Railway Company concerning the extension of their railway from St. Martin's Junction to the Harbor of Quebec. 3. Of all correspondence between the Government and any other persons for the purpose of incorporating such persons for the construction of a railway from the terminus of the Canadian Pacific Railway, at St. Martin's Junction, to the Harbor of Quebec. Presented to the House of Commons, 5th March, 1885.—*Mr. Laurier*.....*Not printed.*
- 25g.** Return to an Order of the House of Commons, dated 17th February, 1885, for a copy of separate report or finding of Judge Clarke, one of the arbitrators on the claims for damages of contractors for Section B, Canadian Pacific Railway, in regard to such claims or to the award in reference thereto, signed by Messrs. Brydges and Light, the other arbitrators. Presented to the House of Commons, 5th March, 1885.—*Mr. Casey*.....*Not printed.*
- 25h.** Return to an Order of the House of Commons, dated 17th February, 1885, for a copy of the case submitted by the Government to counsel, and opinion given by counsel consulted by the Government, as to the validity of the award of damages to contractors for Section B, Canadian Pacific Railway, and as to the action that should be taken in reference to such award. Presented to the House of Commons, 5th March, 1885.—*Mr. Casey*..... *Not printed.*

25i. Return to an Order of the House of Commons, dated 16th February, 1885, for a statement of sums paid to the Canadian Pacific Railway Company up to date, for constructions on those portions of the Canadian Pacific Railway between Port Arthur and Winnipeg, the contract for which has been transferred to them from the original contractors, with dates of payment; also, copies of estimates on which such payments have been made, showing quantities and rates. Presented to the House of Commons, 5th March, 1885.—*Mr. Casey*.....*Not printed.*

25j. Supplementary Return, under resolution of the House of Commons, passed on the 20th February, 1882, on all subjects affecting the Canadian Pacific Railway, respecting details as to: 1. The selection of the route. 2. The progress of the work. 3. The selection or reservation of land. 4. The payment of money. 5. The laying out of branches. 6. The progress thereon. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto, up to the end of the previous fiscal year. 9. Like particulars up to the latest practicable date before the presentation of the Return. 10. Copies of all Orders in Council, and of all correspondence between the Government and the Railway Company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons, 5th March, 1885, by Hon. J. A. Chapleau.

Printed for Sessional Papers only.

25k. Return to an Address of the House of Commons, dated 5th February, 1885, for a statement showing the date and rate at which the ten million dollars of Canadian Pacific Railway stock formerly pledged for a loan of about \$4,950,000 was sold, and the net amount received by the company in respect of such sales. Presented to the House of Commons, 9th March, 1885.—*Mr. Blake*.....*Not Printed.*

25l. Return to an Order of the House of Commons, dated 4th February, 1885, for copies of all reports of Government engineers, made previous to and on this day, in relation to the survey of the several proposed lines for the extension of the Canadian Pacific Railway from Montreal to a port on the Atlantic Ocean. Also the instructions and the official correspondence which passed between the several engineers and the Government. Presented to the House of Commons, 11th March, 1885.—*Mr. Lesage*.....*Not printed.*

25m. Return to an Address of the House of Commons, dated 17th February, 1885, for a plan of the proposed route or routes of the Canadian Pacific Railway from Port Moody, or the neighborhood thereof, to English Bay or Coal Harbor, showing the point at which the route chosen diverges from the main line, and the distance thereof from the present terminus at Port Moody; also an estimate of the cost of constructing the proposed line to the new Pacific terminus, and of the cost of the terminal accommodations there. Presented to the House of Commons, 13th March, 1885.—*Mr. Blake*.....*Not printed.*

25n. Return to an Address of the House of Commons, dated 23rd February, 1885, for copies of the report of Mr. Van Horne, Vice-President of the Canadian Pacific Railway Company, of September last, and of Mr. S. B. Read, C.E., of the same month, with reference to the Canadian Pacific Railway in British Columbia; and also reports of engineers of high standing, as to the route of the Canadian Pacific Railway at the point where a temporary line has been built, referred to in the letter from Mr. Van Horne to the Minister of Railways and Canals, of 19th May, 1884, and for any report of Mr. Fleming on the subject, in the possession of the Railway Company. Presented to the House of Commons, 13th March, 1885.—*Mr. Blake*—

Printed for Sessional Papers only.

25o. Return to an Address of the House of Commons, dated 17th February, 1885, for a copy of the claim put in by the contractors of Section B, on which the award to them of \$395,600 was based; and of Order in Council of 2nd April, 1883, in reference to submission to arbitrators. Presented to the House of Commons, 13th March, 1885.—*Mr. Casey*.....*Not printed.*

25p. Supplementary Return to an Order of the House of Commons, dated 17th February, 1885, for a copy of the case submitted by the Government, as to the validity of the award of damages to contractors for Section B, Canadian Pacific Railway, and as to the action that should be taken in reference to such award. Presented to the House of Commons, 16th March, 1885.—*Mr. Casey*.....*Not printed.*

- 25q.** Return to an Address of the House of Commons, dated 5th February, 1885, for copies of all correspondence, reports and Orders in Council not covered by the previous Address, relating to the allowances proposed to be paid to the Canadian manufacturers of certain goods required by the Canadian Pacific Railway; of all applications for such allowances, and correspondence in connection therewith; a statement of the calculations on which the allowances have been based, and an estimate in detail of the probable sums payable out of the Treasury in respect of each class of goods, assuming them to be made in Canada, to the extent of the company's requirements, and of the *ad valorem* percentage of all allowances on each such class. Presented to the House of Commons, 18th March, 1885.—*Mr. Blake*.....*Not printed.*
- 25r.** Return to an Address of the House of Commons, dated 12th March, 1885, for a statement showing the names and addresses of all shareholders in the Canadian Pacific Railway Company, with the amount of stock held by each, as of the date of 16th February, 1885. Presented to the House of Commons, 18th March, 1885.—*Mr. Blake*.....*Not printed.*
- 25s.** Return to an Order of the House of Commons, dated 16th February, 1885, for a copy of the report of the engineers appointed to re-measure and re-classify the work on Section B, Canadian Pacific Railway, in connection with the claims of the contractors for said section for increased remuneration for such work and for damages. Also all reports of the engineers in charge of said section, or of the Engineer-in-Chief or any other Government engineer, in reference to the questions of measurement, classification or damages at issue between the Government and the contractors. Presented to the House of Commons, 23rd March, 1885.—*Mr. Casey*—
Printed for Sessional Papers only.
- 25t.** Return to an Address of the House of Commons, dated 9th February, 1885, for a statement showing the number of passenger trains, freight trains and mixed trains, distinguishing each class, run daily, or weekly in cases in which there was not a daily train, over each division of the Canadian Pacific Railway, in each week of the years 1883 and 1884 respectively. Presented to the House of Commons, 26th March, 1885.—*Mr. Blake*.....*Not printed.*
- 25u.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of all memorials, letters and other representations, in writing, received by the Government on the subject of the non-payment by the Canadian Pacific Railway Company of amounts due to contractors, sub-contractors or laborers engaged in the construction of the Canadian Pacific Railway. Presented to the House of Commons, 26th March, 1885.—*Mr. Charlton*—
Not printed.
- 25v.** Supplementary Return to a Standing Order of the House of Commons, passed on the 20th February, 1882, for full information on all subjects affecting the Canadian Pacific Railway up to the latest date, and particularly all details as to: 1. The selection of the route. 2. The progress of the work. 3. The selection or reservation of land. 4. The payment of the moneys. 5. The laying out of branches. 6. The progress thereon. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto up to the end of the previous fiscal year. 9. Like particulars up to the latest practicable date before the presentation of the return. 10. Copies of all Orders in Council and of all correspondence between the Government and the railway company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons. 23rd April, 1885, by Hon. J. H. Pope.....*Not printed.*
- 25w.** Return to an Address of the House of Commons, dated 12th February, 1885, for a statement in detail of the present position of land grant and the land grant bonds of the Canadian Pacific Railway Company, showing, by the number of the section, the township and range or other description, the lots granted to the company. Also the lots sold by the company. Also the amount of land grant bonds in the hands of the Government; the amount in the hands of the company; the amount in the hands of the public; the amount pledged by the company for loans, or otherwise, with details, and the amount cancelled; showing also the sum received by the company for lands sold in each calendar year and in the course of the present year; and the amount now due to the company in respect of lands sold, with a separate statement showing the amount received by the company from sales in town sites, and

the amount now due on such sales, distinguishing between the receipts and debts on account of town sites comprised in the land grant, or in any arrangement with the Government, and the receipts and debts on account of other town sites. Presented to the House of Commons, 23rd April, 1885.—*Mr. Blake*.....*Not printed.*

25z. Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of all reports, plans, specifications, estimates, contracts, correspondence and other papers in connection with the construction of the Canadian Pacific Railway wharf and freight shed at Port Moody, B.C., and relating to its deterioration and repairs or reconstruction. And like papers as to the bridge on the railway near Spuzzum, B.C. Presented to the House of Commons, 23rd April, 1885.—*Mr. Blake*.....*Not printed.*

25y. Return to an Order of the House of Commons, dated 24th February, 1885, for any information in the possession of the Department as to the character of the work done near Lytton, B.C., on the Canadian Pacific Railway, on that portion of the road for which Mr. Hugh J. Keefer had a sub-contract, and which was under the inspection of his brother, Mr. George Keefer, Government engineer; also copies of any statements as to the character of the material allowed as rock or as other than earth, in this part. Presented to the House of Commons, 24th April, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*

CONTENTS OF VOLUME No. 10.

25z. Return to an Order of the House of Commons, dated 23rd February, 1885, for all reports, plans and other information in the possession of the Department in reference to the work on the Canadian Pacific Railway at or near Maple Ridge, a short distance above Hammond, on the bank of the Fraser, B.C.; for all reports and information in the possession of the Department as to the condition of the work on the Government sections of the Canadian Pacific Railway in British Columbia; and as to the extent of work remaining to be done before the completion of the contract; also for all correspondence with the Canadian Pacific Railway Company as to the taking over by them of these sections of the railway; also for a statement of the names, salaries and period of service in that region, of the Government engineers who have been employed on the Government sections in British Columbia of the Canadian Pacific Railway, with the dates at which any of them were relieved, a statement of the cause of their removal, and of their present occupation, if any, under the Government. Presented to the House of Commons, 5th May, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*

25aa. Return to an Order of the House of Commons, dated 2nd of March, 1885, for copies of all applications, statements, estimates or letters sent from the Canadian Pacific Railway to the Government, or any of its officials, in relation to the change made by the Government between 7th April, 1884, and 16th May, 1884, in the dealing with rolling stock in progress estimates and payments in the Eastern Section, Western Division, and copies of all correspondence and papers upon the same subject. Presented to the House of Commons, 5th May, 1885.—*Mr. Edgar*.....*Not printed.*

25bb. Supplementary Return to a Standing Order of the House of Commons, passed on the 20th February, 1882, for full information on all subjects affecting the Canadian Pacific Railway up to the latest date, and particularly all details as to: 1. The selection of the route. 2. Progress of the work. 3. The selection or reservation of land. 4. The payment of moneys. 5. The laying out of branches. 6. The progress thereon. 7. The rates of tolls for passengers and freight. 8. The particulars required by the Consolidated Railway Act and amendments thereto, up to the end of the previous fiscal year. 9. Like particulars up to the latest practicable date before the presentation of the Return. 10. Copies of all Orders in Council and of all correspondence between the Government and the Railway Company, or any member or officer of either, relating to the affairs of the company. Presented to the House of Commons, 5th May, 1885, by Hon. J. H. Pope.....*Not printed.*

25cc. Letter and statements from George Stephen, Esq., President of the Canadian Pacific Railway Company, to the Hon. the Minister of Railways and Canals, accompanied by Mr. Miall's condensed balance sheet on the affairs of the Canadian Pacific Railway Company on the 1st January, 1885. Presented to the House of Commons, 7th May, 1885.—*Sir J. A. Macdonald*.....*Printed for both Distribution and Sessional Papers.*

- 25dd.** Return to an Order of the House of Commons, dated 6th February, 1885, for a Return of the names of persons in the employ of the Government along the line of the Canadian Pacific Railway during the year 1884, the date of their engagement, the length of time employed, the work assigned them and the salary, fee or allowance paid; also the amount of travelling expenses paid to each. Presented to the House of Commons, 8th May, 1885.—*Mr. McMullen*.....*Not printed.*
- 25ee.** Supplementary Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of all applications, statements, estimates or letters sent from the Canadian Pacific Railway to the Government or any of its officials, in relation to the change made by the Government between 7th April, 1884, and 16th May, 1884, in the dealing with rolling stock, in progress estimates and payments in the Eastern Section, Western Division, and copies of all correspondence and papers upon the same subject. Presented to the House of Commons, 16th May, 1885.—*Mr. Edgar*.....*Not printed.*
- 25ff.** Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of all the estimates, in detail, furnished to the Government by the Canadian Pacific Railway Company, and by the Government engineer, upon which the estimated cost of \$23,000 per mile was based for the portion of the Eastern Section from the 100th mile to the 120th mile west of Callander, giving quantities, classification and prices; also for a statement of the actual quantities, description and classification of the work from the 100th mile to the 120th mile west of Callander on the 12th August, 1884, when the subsidy and loan were paid by the Government as a completed line. Presented to the House of Commons, 16th May, 1885.—*Mr. Edgar*....*Not printed.*
- 25gg.** Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of the report of survey by Vernon Smith, C.E., in relation to the extension of the Canadian Pacific Railway to Canadian ports on the Atlantic. Presented to the House of Commons, 16th May, 1885.—*Mr. Lesage*.....*Not printed.*
- 25hh.** Return to an Address of the House of Commons, dated 12th March, 1885, for copy of all offers made to the Government for the construction of a railway connecting the Ontario railway system, at or near to Gravenhurst, with the Canadian Pacific Railway. Presented to the House of Commons, 9th June, 1885.—*Mr. Mulock*.....*Printed for Sessional Papers only.*
- 25ii.** Return to an Address of the House of Commons, dated 12th February, 1885, for a Return showing the amounts contributed to the Canada Central Railway between Ottawa and Brockville, either by the Government of Canada, the Provincial Government of Ontario, or by the municipalities along that line of railway. Also showing what securities were taken for the amounts so advanced to the said railway company, and what disposition has been made of the said securities. Also for similar returns concerning the St. Lawrence and Ottawa Railway from Ottawa to Prescott, together with the conditions upon which such grants were made to both railways; also statement showing the present train service on both lines of railway. Presented to the House of Commons, 9th June, 1885.—*Mr. Landerkin*....*Not printed.*
- 25jj.** Supplementary Return to an Order of the House of Commons, dated 5th February, 1885, for map or maps showing: 1. The location of the Canadian Pacific Railway, so far as approved of or constructed. 2. Its location, so far as proposed to Government, but not yet approved. 3. The location of any branches constructed or acquired, and of any now contemplated by the company, so far as the Government is advised. 4. The lands set apart for the company, but not yet granted. 5. The lands granted. 6. The lands applied for, but not yet set apart. Presented to the House of Commons, 11th June, 1885.—*Mr. Blake*.....*Not printed.*
- 25kk.** Return to an Address of the House of Commons, dated 12th March, 1885, for a copy of all correspondence between the Government of Quebec and the Government of Canada concerning the application of the sum of \$960,000 reserved by the statute 47 Victoria, chapter 8, for the extension of the Canadian Pacific Railway from its terminus at St. Martin's Junction to the Harbor of Quebec. Presented to the House of Commons, 15th June, 1885.—*Mr. Laurier*—*Printed for Sessional Papers only.*
- 25ll.** Return to an Address of the House of Commons, dated 9th February, 1885, for a statement showing the gross earnings, expenses and net earnings of the Canadian Pacific Railway for each month of the years 1883 and 1884, distinguishing between the main line and the lines now

worked under the lease from the Ontario and Quebec Railway Company; and distinguishing also between the main line east of Port Arthur or Fort William and the main line west of that point, giving in each case the mileage open for traffic during the month specified. Presented to the House of Commons, 16th June, 1885.—*Mr. Blake.....Printed for Sessional Papers only.*

25mm. Return to an Address of the House of Commons, dated 12th February, 1885, for a statement showing: 1. The expenditure by the Canadian Pacific Railway Company upon its main line of railway between Callander and Port Arthur and between Selkirk and Kamloops, since the expenditure of \$23,078,950, shown by the letter of Mr. Stephen to the Minister of Railways and Canals on the 15th January, 1884. 2. The materials on hand in respect of the described main line of railway. 3. The receipts by the company since the account given in the said letter in respect of—(a.) Cash subsidy; (b.) Government loan; (c.) Land grant bonds or land sales, or from the pledging of land grant bonds. 4. The amount, if any, due by the company in respect of construction of the described main line. 5. Estimates of the cost of the work of construction remaining to be done on the described main line, showing whether the materials on hand are taken into account in such estimates or not. 6. An estimate of the whole cost of construction of the described main line when completed. 7. Statement of the cost of equipment of the described main line at the date of the account in Mr. Stephen's letter. 8. Statement of the cost of equipment of the described main line since that date. 9. Estimate of the further cost of equipment of the described main line when completed. 10. Estimate of the complete cost of equipping the described main line. All such statements and estimates being separate for each of the described divisions, viz., (a) that between Callander and Port Arthur, and (b) that between Selkirk and Kamloops. Presented to the House of Commons, 16th June, 1885.—*Mr. Blake.....Printed for Sessional Papers only.*

25nn. Return to an Address of the House of Commons, dated 24th February, 1885, for a statement of the cost of the Canadian Pacific Railway from Winnipeg to a point 615 miles west of Winnipeg, divided under the usual sub-headings of cost of railway construction; or in case the company has not recorded the expense under the usual sub-headings, then divided in such a way and in such detail as the company has recorded it. Presented to the House of Commons, 16th June, 1885.—*Mr. Blake.....Printed for Sessional Papers only.*

25oo. Return to an Address of the House of Commons, dated 8th April, 1885, for a Return showing the date of completion of the main line of the Canadian Pacific Railway from Winnipeg to Brandon, from Brandon to Moose Jaw, from Moose Jaw to Calgary, the dates on which each section was opened for traffic, the dates on which such section was inspected by the Government engineer, with all Orders in Council, papers and correspondence affecting the tariff rates for passengers and freight upon such line, not already brought down. Presented to the House of Commons, 15th June, 1885.—*Mr. Watson.....Not printed.*

25pp. Return to an Address of the Senate, dated 25th February, 1885, for all correspondence had since the 1st January, 1884, between the Government of Canada and the Government of the Province of Quebec, concerning all sums of money granted by the Government of Canada to the Province of Quebec, and all claims of the Province of Quebec, by way of indemnity on account of the construction of the North Shore Railway, heretofore called the Quebec, Montreal, Ottawa and Occidental Railway, together with a copy of all memorials presented to the Federal Government during the same period by the Government of Quebec, respecting all claims or demands of indemnity for the same cause. Presented to the Senate, 16th April, 1885.—*Hon. Mr. Trudel.....Printed for Sessional Papers only.*

25qq. Return to an Order of the House of Commons, dated 13th February, 1885, for a statement showing: 1. The total number of permanent timber trestles and the total number of wooden bridges constructed, or under contract for construction, upon the line of the Canadian Pacific Railway. 2. The length, in feet, and the maximum height of each of said trestles and of each of said bridges. Such statement to identify the trestles and bridges by numbering them consecutively from Sudbury westward. Presented to the House of Commons, 14th July, 1885.—*Mr. Edgar.....Not printed.*

25rr. Return to an Address of the House of Commons, dated 17th February, 1885, for: 1. A statement of the present position of the debt of six hundred thousand dollars, due last Session

by the North American Contracting Company to the Canadian Pacific Railway, with information as to whether the same has been settled, and if so, when and upon what terms, and if unsettled, what steps have been taken, or are being taken, to procure a settlement; also a statement of the present position of a sum of about six hundred thousand dollars invested by the Canadian Pacific Railway Company in stock of the Canada North-West Land Company, with a statement of its value, at the average price for the month of January, 1885. 2. Also plan and statement showing the grades and curves on the line of the Canadian Pacific Railway as far as constructed, including all the Government sections, but exclusive of the line constructed by the company from the foot of the Rocky Mountains to Kamloops. 3. Also a copy of the prospectus, advertisement and other papers in connection with the recent proposal for the issue of bonds of the Ontario and Quebec Railway Company, guaranteed by the Canadian Pacific Railway Company, with a statement of the amount sold and the average rate. 4. Also an estimate of the cost of the Canadian Pacific Railway between Callander and Port Arthur, divided under the usual heads of sub-divisions in railway construction, with separate estimate for equipment. 5. Also a like estimate, in similar form, of the cost of the construction of the Canadian Pacific Railway between Calgary and the summit of the Rocky Mountains, and from the summit of the Rocky Mountains to the junction with the Government section, each separately, with a statement of the items in which a saving of four million dollars upon the estimate of last Session is calculated by the officers of the company. 6. Also a statement of the expenditure by the Canadian Pacific Railway Company on any account, except the construction and equipment of the contracted line between Callander and Port Arthur, and between Selkirk and Kamloops. Presented to the House of Commons, 14th July, 1885.—*Mr. Blake*.....*Not printed.*

25ss. Return to an Address of the House of Commons, dated 17th February, 1885, for: 1. A statement of the expenditure of the Canadian Pacific Railway Company since the account in Mr. Stephen's letter to the Minister of Railways and Canals, 15th January, 1884, upon branch lines, specifying each line, the expenditure thereon, the purpose thereof, and the additional mileage beyond 269 miles completed at the date of Mr. Stephen's letter. 2. Statement of the cost of equipment of such branch lines; (a.) At the date of said letter; (b.) Since that time. 3. Estimate for any further cost of equipment for such branch lines so far as completed. 4. Statement in detail of the further sums paid in respect of the extensions or branches east of Callander, since the date of said letter, when they amounted to \$3,203,050. 5. A statement of the present condition of the account for advances towards acquiring a line to the seaboard, and for other purposes, alleged to be within the charter, shown by the said letter at \$3,482,251; with a detail of any further payments of a like character. Presented to the House of Commons, 18th July, 1885.—*Mr. Blake*.....*Not printed.*

25tt. Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all correspondence and agreements between the Government and the Canadian Pacific Railway Company on the subject of immigration to Manitoba and the North-West, together with a statement showing the amount expended by the company in promoting such immigration, giving amounts paid, with dates, to whom paid, and the nature of service rendered; also estimate of the company of number of persons from foreign countries who have actually settled there in each year since date of charter. Presented to the House of Commons, 18th July, 1885.—*Mr. Paterson (Brant)*.....*Not printed.*

25uu. Supplementary Return to an Address of the House of Commons, dated 17th February, 1885, for: 1. A statement of the present position of the debt of six hundred thousand dollars due last Session by the North American Contracting Company to the Canadian Pacific Railway, with information as to whether the same has been settled, and, if so, when and upon what terms, and if unsettled, what steps have been taken, or are being taken, to procure a settlement; also a statement of the present position of a sum of about six hundred thousand dollars invested by the Canadian Pacific Railway Company in stock of the Canada North-West Land Company, with a statement of its value at the average price for the month of January, 1885. 2. Also plan and statement showing the grades and curves on the line of the Canadian Pacific Railway as far as constructed, including all the Government sections, but exclusive of the line constructed by the company from the foot of the Rocky Mountains to Kamloops. Presented to the House of Commons, 20th July, 1885.—*Mr. Blake*.....*Not printed.*

- 26.** Return to an Order of the House of Commons, dated 2nd February, 1885, for a Return of the receipts and expenditure, in detail, chargeable to the Consolidated Fund, from the 1st July, 1883, to the 31st January, 1884, and from 1st July, 1884, to 31st January, 1885. Presented to the House of Commons, 9th February, 1885.—*Sir Richard Cartwright*—
Printed for Distribution only.
- 27.** Return to an Order of the House of Commons, dated 2nd February, 1885, for a statement showing the amount of money on deposit to the credit of the Government of Canada on the 1st February, 1885, whether in Canada or elsewhere, together with the names of the banks wherein the said moneys are deposited, with the amount in each bank respectively; also the amount at interest and the rate of interest allowed on the said deposits in each case. Presented to the House of Commons, 9th February, 1885.—*Sir Richard Cartwright*—
Printed for Distribution only.
- 28.** Return to an Address of the House of Commons, dated 30th January, 1884, for copies of all Orders in Council, despatches, correspondence and telegrams relating to the negotiations between Canada and British Columbia, not already brought down; and for a statement of the estimated net cost to Canada of the dry dock in British Columbia. Presented to the House of Commons, 10th February, 1885.—*Mr. Blake*.....*Not printed.*
- 29.** Return (*in part*) to an Address of the House of Commons, dated 24th January, 1884, for copies of all Orders in Council, reports and correspondence, not already brought down, in reference to the exercise or non-exercise of the power of disallowance as to any Provincial Acts; with a statement of the dates of prorogation of each of the Provincial Assemblies; and of the dates at which the Acts of the Session were received at Ottawa; and copy of the despatches addressed to the Lieutenant-Governors on the subject of the transmission to the Government of Canada of such Acts. Presented to the House of Commons, 10th February, 1885.—*Mr. Mulock*.....*Printed for Sessional Papers only.*
- 30.** Return to an Order of the House of Commons, dated 25th February, 1884, for a detailed statement of all moneys expended upon the Dominion steamer "Sir James Douglas," in connection with the hauling out, lengthening of, repairs to, and launching of said vessel, from 1st January, 1882, to 31st December, 1883. Presented to the House of Commons, 10th February, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*
- 30a.** Return to an Order of the House of Commons, dated 25th February, 1884, for a statement showing numbers of officers and crew of steamer "Sir James Douglas," their names, rank, pay and date of first appointment, the average cost per month of maintaining said vessel for the twelve months ending 31st December, 1883, nature of service in which she has been engaged for the period mentioned; increased speed obtained by lengthening, date on which she was last swung for adjustment of compasses and copy of deviation table made therefrom. Presented to the House of Commons, 10th February, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*
- 30b.** Return to an Order of the House of Commons, dated 28th March, 1884, for all correspondence of a date subsequent to 1st January, 1883, upon the subjects of repairs to, hauling out, and launching of the steamer "Sir James Douglas," in the early part of said year, between the Department of Marine and Fisheries and their agents at Victoria, B.C., or between the Department and any other person or persons, in the Province of British Columbia, upon said subject; also copies of reports sent in to the Department by the agent of the Department in British Columbia, and the master of the steamer above referred to, in connection with the serious and unpleasant difference of opinion which arose between them, reflecting discreditably upon themselves and the Department. Also all correspondence upon that or any other subject between the Department and any British Columbia member or other person, in any way reflecting upon the agent of the Department in British Columbia, to date. Presented to the House of Commons, 10th February, 1885.—*Mr. Baker (Victoria)*.....*Not printed. See 30d.*
- 30c.** Return to an Address of the Senate, dated 9th April, 1884, for copies of all documents and correspondence in possession of the Government relating to the establishment of a line of steamships between France and Canada. Presented to the Senate, 24th February, 1885. *Hon. Mr. Pelletier*.....*Printed for Sessional Papers only.*

- 30d.** Return to an Order of the House of Commons, dated 28th March, 1884, for all correspondence of a date subsequent to 1st January, 1883, upon the subject of repairs to, hauling out and launching of the steamer "Sir James Douglas," in the early part of said year, between the Department of Marine and Fisheries and their agent at Victoria, B.C., and between the Department and any other person or persons in the Province of British Columbia, upon said subject; also copies of reports sent in to the Department by the agent in British Columbia, and the master of the steamer referred to, in connection with the serious and unpleasant difference of opinion which arose between them, reflecting discreditably upon themselves and the Department; also all correspondence upon that or any other subject between the Department and any British Columbia member or other person, in any way reflecting on the agent of the Department in British Columbia, to date. Presented to the House of Commons, 14th April, 1885.—*Mr. Baker (Victoria).....Printed for Distribution only.*
- 30e.** Return to an Order of the House of Commons, dated 24th February, 1885, for copies in full of the accounts and vouchers of all provisions, coal and other supplies furnished the Hudson Bay steamer "Neptune" at Halifax, in July last, and copies of all the tenders upon which all the contracts were based. Presented to the House of Commons, 14th April, 1885.—*Mr. Vail.....Not printed.*
- 30f.** Return to an Address of the House of Commons, dated 23rd February, 1885, for copies of all reports, correspondence, contracts, Orders in Council and other papers, in connection with the arrangements under which public moneys have been paid by the Government to the Halifax Steam Navigation Company. Presented to the House of Commons, 30th April, 1885.—*Mr. Blake.....Not printed.*
- 31.** Return to an Address of the House of Commons, dated 28th March, 1884, for a statement showing the present constitution of the North-West Council, the number of elected members, the district for which they are elected, the number of votes polled, the names of the candidates, and the qualifications required of the voters. Presented to the House of Commons, 19th February, 1885.—*Mr. Mills.....Printed for both Distribution and Sessional Papers.*
- 32.** Return to an Address of the House of Commons, dated 28th March, 1884, for a statement of all moneys paid by the Dominion Government to the Local Government of Ontario since Confederation; stating the amounts in each year and stating on what account. Presented to the House of Commons, 10th February, 1885.—*Mr. Farrow.....Printed for Distribution only.*
- 33.** Return to an Order of the House of Commons, dated 28th March, 1884, for: 1. Correspondence, papers, draft, notarial transfer and telegram respecting Survey Contract No. 10, of L. J. E. Garon, of the season of 1881, by which Joseph Adhemar Martin, merchant, of Rimouski, has received the sum of \$800. 2. Correspondence, papers, draft, notarial transfer and telegram, between the Minister of the Interior and the said Joseph Adhemar Martin, concerning the balance remaining due on the said transfer of the said Survey Contract No. 10, of L. J. E. Garon, of the said season of 1881. Presented to the House of Commons, 19th February, 1885.—*Mr. Billy.....Not printed.*
- 34.** Return to an Address of the House of Commons, dated 7th February, 1884 for copies of all correspondence between the several Provincial Governments and the Dominion Government, respecting the readjustment or increase of the money subsidies paid, or to be paid, by the latter to the former, in pursuance of the confederation agreement, or of any other arrangements since made. Also copies of all petitions from the several Provincial Legislatures to the Government, or to the Parliament of Canada, and of any memorials received by the latter from the several Provincial Governments, asking for aid or assistance in money or otherwise. Also statement showing all that has been granted in money, or otherwise, by the Government of Canada to the several provinces since 1867. Presented to the House of Commons, 10th February, 1885.—*Mr. Ouimet.....Printed for Sessional Papers only.*
- 34a.** Return to an Address of the House of Commons, dated 5th February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House any correspond-

ence or papers touching applications by Local Governments for advances of money on debt account, and for any papers throwing light on the reasons for the pending Bill on that subject. Presented to the House of Commons, 27th February, 1885.—*Mr. Blake—*
Printed for Sessional Papers only.

- 34b.** Return to an Address of the House of Commons, dated 2nd March, 1885, for copies of all correspondence since 1st January last, between the Dominion Government and the Government of the Province of Quebec, in relation to an increase or readjustment of the Dominion subsidy to the province, including any letter written to that end by one of the said Governments to the other, or by any of the Ministers thereof in relation to the subject; also of any such correspondence with any of the other Provinces of the Dominion. Presented to the House of Commons, 23rd April, 1885.—*Mr. Amyot.....**Printed for Sessional Papers only.*
- 35.** Return to an Order of the House of Commons, dated 1st February, 1884, for copies of all correspondence and papers relating to any proposed or suggested reduction in letter postage in the Dominion of Canada. Presented to the House of Commons, 10th February, 1885.—*Mr. Charlton.....**Not printed.*
- 36.** Return to an Order of the House of Commons, dated 11th February, 1884, for copies of all correspondence or complaints to the Postmaster-General, relative to delays or neglect of postmasters in transmitting newspapers and periodicals to the office of destination, since 1st January, 1883. Presented to the House of Commons, 10th February, 1885.—*Mr. Sproule—*
Not printed.
- 37.** Reports relative to the manufacturing industries in existence in Canada, submitted to the House of Commons for its information. Presented to the House of Commons, 11th February, 1885, by Sir Leonard Tilley.....*Printed for both Distribution and Sessional Papers.*
- 37a.** Return to an Address of the House of Commons, dated 6th February, 1885, for copy of the commission or other authorization, Order in Council, correspondence and instructions in relation to the commission issued for the investigation of certain facts as to the condition of the industries of Canada during the last recess. Copy of the report of the commissioners, and the evidence and data obtained by them. Statement in detail of all moneys paid in respect of the commission, and an estimate in detail of all moneys payable, but as yet unpaid; dated 11th February, 1885. Presented to the House of Commons, 12th February, 1885. *Mr. Blake—*
Printed for both Distribution and Sessional Papers.
- 37b.** Return to an Order of the House of Commons, dated 4th February, 1885, for all returns, statements or correspondence in possession of the Government, showing the number of operatives employed in factories in the Dominion in 1878 and in 1884, together with the amount of capital invested and wages paid. Presented to the House of Commons, 16th February, 1885.—*Sir Richard Cartwright.....**Not printed.*

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- 38.** Return to an Order of the House of Commons, dated 5th February, 1885, for copies of all correspondence relative to any payments, claims or allowances on any account whatever, in respect to the office of High Commissioner, not already brought down; and separate statement in detail, with dates and sums of all payments made on any such accounts in respect to the office, during its tenure by the present incumbent; an estimate in detail of all sums payable on any such accounts up to this date and yet unpaid; also copies of all correspondence not yet brought down, as to the letting or purchase of a residence for the High Commissioner, and as to the repairs and furnishing thereof, with copies of all accounts in connection with the same; a statement in detail of all sums paid in respect of such letting or purchase, or furnishing or repairs; and an estimate of all sums payable, but not yet paid, in respect thereof. Presented to the House of Commons, 12th February, 1885.—*Mr. Blake.....**Not printed.*
- 38a.** Return to an Address of the House of Commons, dated 2nd March, 1884, for a copy of all correspondence between this Government and the High Commissioner in England or the representatives of the Belgian Government in this country, or from the Belgian authorities at home,

or any other correspondence and papers concerning the International Exhibition in Antwerp; and also copies of the existing tariff between Belgium and England. Presented to the House of Commons, 12th March, 1885.—*Messrs. Bergeron and Amyot*.....*Not printed.*

38b. Return to an Address of the House of Commons, dated 23rd February, 1885, for a copy of any further commission or Order in Council, or correspondence touching the position or salary of the High Commissioner of Canada, not already brought down. Presented to the House of Commons, 13th March, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*

38c. Return to an Order of the House of Commons, dated 23rd February, 1885, for a Return showing amount paid out on account of High Commissioner to London since the creation of the office; showing separately the amount paid on account of residence, furniture and all fittings and additions thereto, and amount of salary paid to 1st January, 1885, and all items or allowances on account of taxes, light, fuel, travelling and other expenses, including salaries of private secretary and other servants or attendants, each item separately set out up to 1st January, 1885. Presented to the House of Commons, 7th April, 1885.—*Mr. McMullen*—*Printed for Sessional Papers only.*

39. Return to an Address of the House of Commons, dated 4th February, 1885, for copy of all correspondence between the Government of Canada and the several Governments of the Australian and Tasmanian colonies, or anyone acting on their behalf, in relation to the establishing of a more direct communication and extension of trade between these colonies and Canada; also all correspondence between the Government of Canada and the British Government on the same subject. Presented to the House of Commons, 12th February, 1885.—*Mr. Mitchell*.....*Not printed.*

40. Report of the operations and money expended, since the report of last Session, for the year 1884, with respect to the Census of 1881, in accordance with the provisions of section 25 of the Census and Statistics Act; also relating to mortuary statistics. Presented to the House of Commons, 12th February, 1885, by Hon. J. H. Pope.....*Not printed.*

40a. A form of Census Return for the year 1885. Presented to the House of Commons, 13th February, 1885, by Hon. J. H. Pope.....*Not printed.*

41. Return to an Order of the House of Commons, dated 4th February, 1885, for amount of sums advanced to the Government of the Dominion by way of loan by any banks or persons in Canada or England, as appearing on the 1st February, 1885. Presented to the House of Commons, 13th February, 1885.—*Sir Richard Cartwright*—*Printed for both Distribution and Sessional Papers.*

41a. Return to an Order of the House of Commons, dated 4th February, 1885, for a Return giving names of all newspapers in which the loans of 1874, 1875, 1876, 1878 and 1884 were advertised, together with statement of length of time during which the said advertisements appeared. Presented to the House of Commons, 16th February, 1885.—*Sir Richard Cartwright*—*Not printed.*

41b. Return to an Address of the House of Commons, dated 4th February, 1885, for copy of the prospectus of the loan recently issued in London; also a statement showing the amounts of the commission and other charges paid thereon, and to whom paid, together with the amount of the said loan subscribed for by the financial agents of the Dominion, or by the Bank of Montreal, with the dates of the said subscriptions, and copies of all Orders in Council connected with the said loan. Presented to the House of Commons, 16th February, 1885.—*Sir Richard Cartwright*.....*Printed for both Distribution and Sessional Papers.*

42. Return to an Order of the House of Commons, dated 6th February, 1885, for copies of all correspondence, memorials, petitions or other documents relating to the abolition of the duty on grain, flour and coal during 1884 and up to the present time. Presented to the House of Commons, 13th February, 1885.—*Mr. Cameron (Middlesex)*.....*Not printed.*

42a. Return to an Order of the House of Commons, dated 12th March, 1885, for a Return of the amount of duty collected on wheat, flour, cornmeal and corn, in the several ports of the Province of Nova Scotia, between the 30th June, 1884, and 31st December, 1884. Presented to the House of Commons, 18th March, 1885.—*Mr. Vail*.....*Not printed.*

- 42b.** Return to an Order of the House of Commons, dated 27th April, 1885, for: 1. Duties imposed on various articles in the old Province of Canada and duties now imposed. 2. Tariff in force in British Columbia and in Manitoba, respectively, at the time of Union. 3. Length of time such tariff continued in force after Union. Presented to the House of Commons, 15th June, 1885.—*Mr. Watson*.....*Not printed.*
- 42c.** Papers and telegrams respecting the Imperial Act for granting to Her Majesty certain duties on goods, wares and merchandise imported into this colony and its dependencies. Presented to the House of Commons, 11th July, 1885, by Hon. M. Bowell.....*Not printed.*
- 43.** Message from His Excellency the Governor General, transmitting to the House of Commons copies of all petitions, resolutions, correspondence and memorials on the matter of bankruptcy, which have been submitted to His Excellency in Council for consideration. Presented to the House of Commons, 13th February, 1885, by Sir John A. Macdonald.....*Not printed.*
- 44.** Return to an Address of the House of Commons, dated 9th February, 1885, for copy of memorial from the county council of Grey, praying for a refund of bonuses paid by municipalities of that county in aid of railways which are now used for Dominion purposes or tributary to such. Presented to the House of Commons, 13th February, 1885.—*Mr. Landerkin*—
Not printed.
- 44a.** Return to an Address of the House of Commons, dated 18th March, 1885, for copies of petitions from the county council of the county of Elgin, presented to the Governor General in Council or the Minister of Railways and Canals, praying for a general measure of relief to municipalities of Ontario which have aided railways declared to be for Dominion purposes, by granting bonuses to them; and of all correspondence in reference to such petitions. Presented to the House of Commons, 8th April, 1885.—*Mr. Wilson*.....*Not printed.*
- 44b.** Return to an Address of the House of Commons, dated 16th March, 1885, for a copy of the memorial presented to the Government by the county council of the county of Simcoe, Ontario, praying for a refund of bonuses granted by the different municipalities of that county to railways that have been declared by this Parliament to be works for the general advantage of Canada, together with copies of all correspondence and other papers relating thereto. Presented to the House of Commons, 20th April, 1885.—*Mr. Cook*.....*Not printed.*
- 44c.** Return to an Address of the House of Commons, dated 27th April, 1885, for copies of the memorials presented to the Government by the delegates who waited on the Government in reference to the bonuses granted to railways declared to be for the general advantage of Canada. Presented to the House of Commons, 16th May, 1885.—*Mr. Watson*.....*Not printed.*
- 45.** Return to an Order of the House of Commons, dated 17th February, 1885, for a Return showing the quantity and value of wheat and flour imported into, and exported from the Dominion, by Provinces, during the six months ending 31st December, 1884—distinguishing, in the imports, the quantity entered for home consumption; and, in the exports, the product of Canada. Presented to the House of Commons, 24th February, 1885.—*Mr. Paterson (Brant)*...*Not printed.*
- 45a.** Return to an Order of the House of Commons, dated 6th February, 1885, for a Return showing the quantity of wheat, flour, corn and cornmeal imported into and exported from the various Provinces, from the 1st of July to the 31st December, 1884. Presented to the House of Commons, 24th February, 1885.—*Mr. Cameron (Middlesex)*.....*Not printed.*
- 46.** Return of the names and salaries, &c., of all persons appointed to or promoted in the Civil Service during the year ended the 31st December, 1884, specifying the office to which each has been appointed or promoted under the Canada Civil Service Act, 1882, section 55, sub-section 2. Presented to the House of Commons, 16th February, 1885, by Hon. J. A. Chapleau—
Printed for Sessional Papers only.
- 46a.** Report of the proceedings of the Board of Examiners for the year 1884—presented to Parliament in terms of section 55 of the Canada Civil Service Act, 1882, 45-46 Victoria, chapters 4-7. Presented to the House of Commons, 16th February, 1885, by Hon. J. A. Chapleau—
Printed for both Distribution and Sessional Papers.

- 46b.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return of all officers of the Civil Service, from the resident Dominion Government agent down to the messenger, in each and every Department (by Departments) in British Columbia, giving full Christian and surnames, their ages, present rank, pay, allowances, dates of appointment and promotion, made up to the 31st December, 1884, or nearest possible date. Presented to the House of Commons, 15th June, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*
- 47.** Return to an Order of the House of Commons, dated 28th March, 1884, for copies of all correspondence, reports of engineers, with maps and plans, relating to the improvements required to be made in order to secure a better supply of water to the Rideau Canal, as well as to open up a large section of the country bordering on lakes in the counties of Frontenac and Addington. Presented to the House of Commons, 17th February, 1885.—*Mr. Bell*.....*Not printed.*
- 47a.** Return to an Order of the House of Commons, dated 28th March, 1884, for copies of all correspondence and reports of engineers, with maps and plans, relating to the extension of the Rideau Canal from the village of Morton to Charleston Lake and the village of Gananoque, in the county of Leeds. Presented to the House of Commons, 17th February, 1885.—*Mr. McDougald*.....*Not printed.*
- 48.** Return to an Order of the House of Commons, dated 2nd February, 1885, for all papers relating to the resignation of Capt. Ludger Bolduc, after the collision which occurred on the 20th May, 1884, between "La Canadienne" and the brig "Alliance," of Jersey; covering complaint, enquiry, report, &c., and all correspondence relating to the matter. Presented to the House of Commons, 17th February, 1885.—*Mr. Landry (Montmagny)*.....*Not printed.*
- 49.** Return to an Order of the House of Commons, dated 5th February, 1885, for a statement showing sums expended on capital account, from the 1st day of July, 1884, to the 1st day of February, 1885, and the purposes for which said sums were expended. Also for statement of the gross amount of the debt of the Dominion on the 1st day of February, 1885; and a statement of debts and assets to that date, as given in Public Accounts, pages 13 and 14. Presented to the House of Commons, 17th February, 1885.—*Sir Richard Cartwright*—
Printed for Distribution only.
- 50.** Return to an Address of the House of Commons, dated 5th February, 1885, for a copy of the resignation of the Hon. Judge Meredith as Chief Justice of the Superior Court of the Province of Quebec, and of the correspondence which followed that resignation. Presented to the House of Commons, 17th February, 1885.—*Mr. Laurier*.....*Not printed.*
- 50b.** 1884. Return to an Address of the House of Commons, dated 25th January, 1884, for copies of all Orders in Council, correspondence and departmental orders, with reference to the granting, cancellation and suspension of licenses to cut timber on lands of the Indians near Fort William, on the Fort William reserve. Presented to the House of Commons, 8th April, 1884.—*Mr. Blake*.....*Printed for Distribution only.*
- 51.** Return to an Address of the House of Commons, dated 25th February, 1884, for: 1. A copy of all Orders in Council, departmental orders and correspondence, respecting the sale, lease or other disposal of the grist and saw mill owned by the Dominion and situate south of Calgary, North-West Territories, to whom disposed, when, at what price, and how paid or payable? 2. Statement showing the original costs thereof, the costs expended thereon, when the same was erected, including working expenses. 3. Statement showing the quantity of agricultural land or timber limits disposed of with said mill or mills, or to the person who purchased or obtained the same. 4. All applications for the purchase or leasing of said farm, lands and limits. 5. Statement of the machinery in said mill or mills, and the cost thereof. 6. All other correspondence in respect to said mill or mills, land and limits. Presented to the House of Commons, 17th February, 1885.—*Mr. Cameron (Huron)*.....*Not printed.*
- 52.** Return to an Order of the House of Commons, dated 28th March, 1884, for all correspondence between the Hon. P. Mitchell and the Minister of the Interior, in relation to a timber limit or limits on Jack Head River, with the plans submitted in connection therewith; also in relation to timber limits on the Lake of the Woods. Presented to the House of Commons, 19th February, 1885.—*Mr. Mitchell*.....*Not printed.*

52a. Return to an Order of the House of Commons, dated 30th January, 1884, for a Return showing: 1. The total number of timber licenses or permits applied for and granted or refused, since 1st February, 1883; the estimated area covered by each license or application, and the total number of square miles estimated to be covered by the timber licenses issued during the period named. 2. The amount of bonuses or premiums per square mile, and on the aggregate, paid to and received by the Government on each such license, and the total amount of bonuses or premiums received. 3. The name and residence of each applicant for a license. 4. The date of application for each license and the number of years each license is granted for. 5. The Crown dues or stumpage charged or chargeable on each license, and the kind and estimated quantity and quality of timber on each area so licensed. 6. Whether in each case, where a license or permit was granted, the berth was put up at public auction, after public notice inviting tenders was given, and was sold to the highest bidder, or whether granted upon application or tender from the grantee without inviting public competition. 7. Copies of all claims made on the Government for any such area or timber by any persons, and all petitions, remonstrances or communications sent or made to the Government respecting such areas, licenses or timber, and copies of all correspondence had with the Government respecting such claims, or in any way respecting such areas, lands, licenses or timber, and the action of the Government therein; also a copy of all maps and plans showing the location or areas of such licenses or permits. Presented to the House of Commons, 19th February, 1885.—*Mr. Charlton*.....*Not printed.*

52b. Return to an Order of the House of Commons, dated 23rd February, 1885, for a Return showing: 1. The total number of applications made, and not granted, for licenses or permits to cut timber, saw-logs, cordwood, ties and poles, within the territory lately in dispute between the Province of Manitoba and Ontario. 2. The date of each rejected application and the name and residence of each applicant. 3. The geographical location of the area applied for and not granted. 4. The offer of bonus, and of Crown dues or stumpage, in each or any case accompanying such application. 5. The reason assigned for refusal in the case of each of such rejected applications. Presented to the House of Commons, 23rd April, 1885.—*Mr. Blake*—*Printed for Sessional Papers only.*

52c. Return to an Order of the House of Commons, dated 23rd February, 1885, for a Return showing: 1. The total number of timber licenses and permits to cut timber, sawlogs, cordwood, ties or poles, on lands not within the disputed territory, applied for and refused since 1st February, 1883. 2. The date of each rejected application, and the name and residence of each applicant. 3. The geographical location of the area applied for and not granted, and the area of the same. 4. The offer of bonus, and Crown dues or stumpage in each or any case accompanying such application. 5. The reason assigned for refusal in the case of each of such rejected applications. Presented to the House of Commons, 23rd April, 1885.—*Mr. Blake*—*Printed for Sessional Papers only.*

52d. Return to an Order of the House of Commons, dated 9th February, 1885, for copies of all correspondence and regulations, not already brought down, respecting timber for settlers' fuel, applicable to the neighborhood of Moosomin, N.W.T. For all correspondence as to the demands made during the winter of 1882-83 by the Mounted Police, of twenty-five cents a load for settlers' firewood. For all correspondence concerning the demand made by a sub-agent of Mr. Stephenson during the winter of 1883-84, for fifty cents for a permit, in addition to the charge of twenty-five cents a cord. For all correspondence as to the demands made during the winter of 1884-85, including the demands of the present sub-agent, of twenty-five cents for affidavits as to how much wood each settler had burned since he first came to the locality; and for all letters and instructions from the Department or from the Winnipeg office upon these subjects. Presented to the House of Commons, 5th May, 1885.—*Mr. Blake*—*Printed for Sessional Papers only.*

52e. Return to an Address of the House of Commons, dated 23rd February, 1885, for copies of all permits, liberties or other papers given to any person or persons to cut timber in any part of the territory declared by the Order of the Queen in Council to be within the Province of Ontario; and of all Orders in Council, departmental regulations or orders relating to the matter. Presented to the House of Commons, 15th July, 1885.—*Mr. Mills**Not printed.*

- 52f.** Return to an Order of the House of Commons, dated 16th February, 1885, for copies of all permits, licenses or liberties given to any person or persons to cut timber in any part of the territory declared by the Order of the Queen in Council to be within the Province of Ontario. Also the name or names of the person or persons obtaining such permission, the extent of territory embraced, the amount received by the Government, and the amount, if any, still unpaid by the party or parties for such permission. Presented to the House of Commons, 15th July, 1885.—*Mr. Mills* *Not printed.*
- 52g.** Return to an Order of the House of Commons, dated 23rd February, 1885, for a Return showing: 1. The total number of applications for timber licenses or berths in the Province of British Columbia, and within 50 miles of the line of the Canadian Pacific Railway; the date of such application; the place from which it was made; the name and address of the applicant; the area applied for and the geographical situation of the same; whether the application was rejected or granted, and, if rejected, the reasons assigned for the same. 2. The total number of applications for timber licenses or berths in the Province of British Columbia and transmitted to the Department of the Interior at Ottawa; the date of such application; the place from which it was made; the name and address of the applicant; the area applied for and the geographical situation of the same; whether the application was rejected or granted, and, if rejected, the reason assigned for the same. 3. A summary statement showing the number of licenses or permits granted either upon applications made at Ottawa or made at Victoria and transmitted to Ottawa, designating when the application was made, the date of the application, and the name and address of the grantee. 4. The geographical location of the area covered by each license or permit issued, and the number of square miles embraced in each, and the aggregate amount of the same. 5. The amount of bonuses or premiums received upon each and the aggregate amount of the same. 6. Full particulars as to the Crown dues or stumpage charged or chargeable upon each license or permit issued as to whether by percentage of values or specific charges. 7. A statement in case of each license or permit issued as to whether the Government had caused a survey to be made of the same and was in possession of estimates made by its own surveyors, woodsmen or bushrangers, as to the kinds, the quantity and the quality of timber upon each area covered by such license or permit. 8. Whether in each case where a license or permit was granted, the berth was put up at public auction, after due public notice was given inviting tenders, and was sold to the highest bidder, or whether granted upon application or tender from the grantee without inviting public competition. 9. In case of application by two or more parties for the same berth, and competition between them for the purchase of the same, the name and residence of each applicant and the particulars of the tender made by each. 10. Copies of all claims, petitions, remonstrances, letters or communications made to the Government respecting such permits or licenses applied for or granted, also a copy of all maps or plans showing the location and areas of such licenses or permits. 11. A minute of all assignments of such licenses or permits recorded with the Government, with the names and residence of the assignor and the assignee and the consideration in each case paid. Presented to the House of Commons, 15th July, 1885.—*Mr. Charlton*..... *Not printed.*
- 53.** Return to an Address of the House of Commons, dated 26th March, 1884, for copies of all documents, statements, &c., of a nature to afford the information asked for by the following questions:—Whether the Government has, by sale, grant, location or otherwise, disposed of the lands belonging to it in the county of Richelieu? If so, what are the lands; what is the extent of each lot; to whom was it disposed; what are the conditions of each such grant, location or sale; what are the prices paid in each case, and when and how were the amounts paid? Also of all documents relating to the subject matter of the said questions, and of those evidencing the said transactions. Presented to the House of Commons, 19th February, 1885.—*Mr. Amyot*—*Not printed.*
- 53a.** Return to an Order of the House of Commons, dated 17th February, 1885, for a list of all the unsold Indian lands in the township of Toronto, in the county of Peel. Presented to the House of Commons, 9th March, 1885.—*Mr. Paterson (Brant)*..... *Not printed.*
- 53b.** Return to an Order of the House of Commons, dated 17th February, 1885, for a statement showing all properties, islands and other lands, whether built upon or not, belonging to the Dominion Government, and situated within the limits of the county of Richelieu, the names of

the parties occupying the said properties as tenants or otherwise; the time for which such properties are leased, the annual rent and the arrears due, if any, on each such property, up to the 1st January, 1885. Presented to the House of Commons, 9th March, 1885.—*Mr. Massue—*
Not printed.

53c. Return to an Order of the House of Commons, dated 23rd February, 1885, for a statement showing: 1. All sales of coal lands since 23rd April, 1883; the name and residence of each party to whom sales have been made; the number of acres sold to each; the price per acre received from each; the location of the land sold; the total number of acres sold, and the total amount received from such sales. 2. All leases of coal lands made since 23rd April, 1883; the name and residence of each lessee; the number of acres leased to each; the payments made by each; the location of each leasehold; the total number of acres leased; and the total sum derived from such leases, the considerations paid and royalties collected; and also from all other charges, if any. 3. Copies of all applications, correspondence, protests and written communications, in relation to coal lands sold or leased since 23rd April, 1883. Presented to the House of Commons, 31st March, 1885.—*Mr. Charlton.....Printed for Sessional Papers only.*

53d. Return to an Order of the House of Commons, dated 12th March, 1885, for a detailed list of all the unsold Indian lands in the township of Trafalgar, in the county of Halton. Presented to the House of Commons, 31st March, 1885.—*Mr. McCraney.....Not printed.*

53e. Return to an Order of the House of Commons, dated 18th March, 1885, for a return of all properties owned by the Government for military purposes in New Brunswick disposed of or leased, since the transfer from the Imperial Government; the parties to whom sold and at what price, and as to leased properties, to whom leased, for what period and at what rents. Presented to the House of Commons, 22nd April, 1885.—*Mr. Weldon.....Not printed.*

53f. Return to an Order of the House of Commons, dated 4th February, 1885, for a statement showing the several amounts collected by the Dominion Government for lands sold or leased; for timber, logs or staves, cordwood, telegraph poles or other product of the forest; with the names of persons making such payments, within the bounds and limits of the western part of Ontario, as determined by the decision of the Privy Council against the claim of the Dominion Government. Presented to the House of Commons, 23rd April, 1885.—*Mr. Mackenzie—*
Printed for Sessional Papers only.

53g. Order in Council, of the 4th June, 1883, respecting allotment of lands of various colonization companies under the land regulations, and to accord to railway companies the privilege of purchasing land south of the 54th parallel of latitude, &c. Presented to the House of Commons, 29th April, 1885, by Sir John A. Macdonald.....*Not printed.*

53h. Return to an Order of the House of Commons, dated 23rd February, 1885, for a return giving copies of all regulations or orders issued by the Department of the Interior concerning the sale or management of agricultural lands, timber lands, pasture lands, mineral lands and town sites, since 26th February, 1884. Presented to the House of Commons, 5th May, 1885.—*Mr. Charlton.....Not printed.*

53i. Return to an Order of the House of Commons, dated 12th February, 1885, for copies of all correspondence and petitions of railway companies in Manitoba and the North-West, praying for grants of land, or modifications in the condition and extent of the grants of land already conceded to them; and of all Orders in Council or agreements or letters, not already brought down, affecting or in any wise relating to any railway company in Manitoba or the North-West other than the Canadian Pacific Railway Company. Presented to the House of Commons, 5th May, 1885.—*Mr. Blake.....Not printed.*

53j. Return to an Order of the House of Commons, dated 23rd February, 1885, for a return showing: 1. The names of grazing land lessees who have cattle upon their leaseholds, the number of acres in each leasehold, the date of the lease, the geographical position of the area covered by each lease, the number of the lease, the number of cattle reported on each leasehold, the date when the leasehold was first stocked with cattle, and the aggregate number of acres

covered by such leases. 2. The names of grazing land lessees who have not placed cattle upon their leaseholds; the number of acres in each leasehold; the geographical position of the area covered by each lease; the number of the lease and the aggregate number of acres covered by such leases. Presented to the House of Commons, 26th May, 1885.—*Mr. Charlton*—

Printed for Sessional Papers only.

- 53k.** Return to an Address of the House of Commons, dated 11th March, 1885, for: 1. Copy of all Orders in Council or departmental orders respecting south-east $\frac{1}{4}$, section 2, township 10, range 19, west. 2. Copies of all claims made to said land, and the action of the Government thereon. 3. Copies of all petitions, papers and correspondence with the Government by one Joseph Bell and one J. E. Kavanagh, and all other persons, and all replies thereto, respecting said land. Presented to the House of Commons, 26th May, 1885.—*Mr. Cameron (Huron)*.....*Not printed.*
- 53l.** Copy of an Order in Council, under date the 4th June, 1883, respecting an area of land having been allotted to colonization, companies under the land regulations, &c. Presented to the House of Commons, 12th June, 1885, by Sir Hector Langevin.....*Not printed.*
- 53m.** Return to an Address of the House of Commons, dated 27th April, 1885, for copies of all Orders in Council, correspondence and papers, not already brought down, touching the surrender or definition of the claims of Canada upon any of the railway lands in British Columbia, or touching any change as to the relations of Canada and British Columbia in reference to such railway lands. Presented to the House of Commons, 14th July, 1885.—*Mr. Blake*.....*Not printed.*
- 54f.** Return to an Order of the House of Commons, dated 2nd February, 1885, for a statement showing: 1. The Christian and surnames of the present employés of the Immigration Office at Quebec, and the nature of their employment. 2. The amount of the yearly salary paid to each such employé on 31st December, 1884. 3. The amount of the yearly salary attached to the said offices on 31st December, 1877. Also all correspondence respecting the increase or non-increase of the salary of any employé of the said office between the two dates above named. Presented to the House of Commons, 20th February, 1885.—*Mr. Landry (Montmagny)*—
Not printed.
- 54a.** Message transmitting the Report of the Royal Commission on Chinese Immigration, and the evidence taken thereon. Presented to the House of Commons, 25th February, 1885, by Hon. J. A. Chapleau.....*Printed for both Distribution and Sessional Papers.*
- CONTENTS OF VOLUME No. 12.**
- 54b.** Return to an Address of the House of Commons, dated 6th February, 1885, for a copy of the commission and the names of the commissioners appointed to proceed to British Columbia to enquire into and report upon the Chinese difficulty in that country. The date of the commissioners' engagement, the salary or other allowance paid them, and the amount of travelling and other expenses up to the 1st February, 1885. Presented to the House of Commons, 13th April, 1885.—*Mr. McMullen*.....*Not printed.*
- 54c.** Return to an Address of the Senate, dated 26th March, 1885, to His Excellency the Governor General, praying that he will cause to be laid before this House a detailed statement of the expenditure incurred in connection with the recent visit of the Hon. the Secretary of State to British Columbia and California. Presented to the Senate, 13th April, 1885.—*Hon. Mr. Power*.....*Not printed.*
- 55.** Return to an Address of the House of Commons, dated 28th February, 1883, for copies of all papers and correspondence relating to the change of mail service between Durham and Walkerton; also a statement showing the cost of the old and new service, and the comparative efficiency of each. Presented to the House of Commons, 23rd February, 1885.—*Mr. Landerkin*.....*Not printed.*
- 55a.** Return to an Order of the House of Commons, dated 26th March, 1884, for copies of advertisement calling for tenders for carrying mails from Kamloops to Spencer's Bridge, B.C.,

dated 13th June, 1883; also copies of tenders received for such service; also copy of contract based on such tenders, and the hours of arrival and departure of mails from both places. Presented to the House of Commons, 23rd February, 1885.—*Mr. Mackenzie*.....*Not printed.*

55b. Return to an Order of the House of Commons, dated 30th January, 1884, for copies of any correspondence, memorial or other documents from the Board of Trade in the city of St. John, or other parties, in relation to the conveyance of mails on the night train on the St. John and Maine Railway to St. Stephen and Woodstock; also as to the conveyance of mails over the Grand Southern Railway to St. George. Presented to the House of Commons, 23rd February, 1885.—*Mr. Gillmor*.....*Not printed.*

55c. Return to an Order of the House of Commons, dated 3rd March, 1884, for copies of petitions and all correspondence between the Dominion Government and any person or persons, upon the subject of a daily mail service between Port Townsend, in Washington Territory, and Victoria, in the Province of British Columbia, being substituted for the semi-weekly service at present existing. Presented to the House of Commons, 23rd February, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*

55d. Return to an Order of the House of Commons, dated 14th February, 1884, for copies of all petitions, correspondence, returns and papers, of any nature whatsoever, respecting the establishing of a daily mail service in the parishes of St. Giles, St. Patrick and St. Sylvester, in the county of Lotbinière. Presented to the House of Commons, 23rd February, 1885.—*Mr. Rinfret*.....*Not printed.*

55e. Agreement made 15th day of May, 1884, between Andrew Allan, Esq., of the city of Montreal, in the Province of Quebec, in the Dominion of Canada, shipowner, and Hon. John Carling, Postmaster-General of the said Dominion; and an Order in Council in relation thereto, respecting the conveyance of mails. Presented to the House of Commons, 24th April, 1885, by Hon. J. Carling.....*Printed for Sessional Papers only.*

55f. Return to an Order of the House of Commons, dated 23rd February, 1885, for a statement in detail of the annual cost in connection with the ocean mail service, for salaries, allowances of mail clerks and conductors, or railway post office clerks in charge of the British mails; also for all correspondence as to the landing of the post office bags containing the British mails outward bound from Canada at Derry, and the saving of loss of time effected thereby. Presented to the House of Commons, 7th May, 1885.—*Mr. Blake*.....*Not printed.*

55g. Return to an Order of the House of Commons, dated 16th February, 1885, for a Return showing the nature of the mail service on the Canada Southern Railway between Essex Centre and Amherstburg; also the annual amount paid to the Canada Southern Railway for mail service. Presented to the House of Commons, 7th May, 1885.—*Mr. Wigle*.....*Not printed.*

56. Return to an Order of the House of Commons, dated 28th March, 1884, for: 1. Copies of all correspondence and papers relating to certain charges or complaints made against J. E. Gaboury, Esquire, as postmaster of St. Césaire, and to his subsequent dismissal from the said office of postmaster. 2. A copy of the instructions given to the person who investigated the charges against said J. E. Gaboury, if any investigation took place, and a copy of the report made by such person. Presented to the House of Commons, 23rd February, 1885.—*Mr. Béchard*—*Not printed.*

57. Return to an Order of the House of Commons, dated 12th February, 1885, for a statement of the receipts of the post office at St. Stephens, N.B., for the calendar year 1884; also a statement of the value of postage stamps sold at the said office. Presented to the House of Commons, 23rd February, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*

57a. Return to an Order of the House of Commons, dated 27th April, 1885, for a Return showing the postal revenue at Victoria, B.C., from all sources, specifying the amount from each source, month by month, for the eight months included in the period 1st July, 1884, to 28th February, 1885. Presented to the House of Commons, 5th May, 1885.—*Mr. Baker (Victoria)*..*Not printed.*

- 58.** Return to an Order of the House of Commons, dated 9th April, 1883, for copies of all letters, reports and other documents relating to any complaint preferred against Stephen G. Burpee, postmaster at Florenceville, N.B., since 1st January, 1879. Presented to the House of Commons, 23rd February, 1885.—*Mr. Irvine*.....*Not printed.*
- 59.** Return to an Order of the House of Commons, dated 4th February, 1885, for a return of all sugars imported at Halifax from Jamaica from the 1st of January, 1883, to the 31st of December, 1883; also a return of all sugars from Jamaica entered for the same term at Montreal, either direct or *viâ* Halifax, giving name of vessel, number of pounds landed, value for duty of each cargo, and rate of duty per 100 lbs. of each shipment. Presented to the House of Commons, 23rd February, 1885.—*Mr. Vail*.....*Not printed.*
- 59a.** Supplementary Return to an Order of the House of Commons, dated 13th March, 1885, for a Return of all sugars imported at Halifax from Jamaica, from the 1st January, 1883, to the 31st December, 1883; also a return of all sugars from Jamaica entered for the same term at Montreal, either direct or *viâ* Halifax, giving the name of vessel, number of pounds landed, value for duty of each cargo, and rate of duty per 100 lbs. of each shipment. Presented to the House of Commons, 13th March, 1885.—*Mr. Vail*.....*Not printed.*
- 60.** Return to an Order of the House of Commons, dated 2nd February, 1885, for a Return in the form used in the statement usually published in the *Gazette*, of the exports and imports from the 1st day of July, 1883, to the 1st day of January, 1884, and from the 1st day of July, 1884 to the 1st day of January, 1885, distinguishing the products of Canada and those of other countries. Presented to the House of Commons, 23rd February, 1885.—*Sir Richard Cartwright*.....*Printed for Distribution only.*
- 61.** The Governor General transmits to the House of Commons two approved Minutes in Council, dated respectively the 20th May, 1884, and the 23rd January, 1885, regarding the terms of the provisional settlement of the claims of the Province of Manitoba. Presented to the House of Commons, 23rd February, 1885, by Sir John A. Macdonald.—
Printed for both Distribution and Sessional Papers.
- 62.** A detailed statement of all bonds and securities registered in the Department of the Secretary of State of Canada, under 31 Victoria, chapter 37, section 15. Presented to the House of Commons, 24th February, 1885, by Hon. J. A. Chapleau.....*Not printed.*
- 63.** Return to an Address of the House of Commons, dated 3rd February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House copies of all correspondence between the Federal and Ontario Governments, and the Imperial Government, on the subject of the Imperial Act 21-22 Victoria, chapter 90, known as the British Medical Act, 1858; the Imperial Act 31-32 Victoria, chapter 29, known as the British Medical Amendment Act, 1868; the Imperial Act 41-42 Victoria, chapter 33, known as the Dentists Act, 1878; and the amendments proposed to be made thereto during the present Session of the Imperial Parliament. Presented to the House of Commons, 26th February, 1885.—*Mr. Bergin*—
Printed (condensed) for both Distribution and Sessional Papers.
- 64.** Return to an Order of the House of Commons, dated 9th February, 1885, for a Return of all reports of Government engineers respecting the construction of a harbor of refuge at Port Stanley and Port Burwell, on the north shore of Lake Erie, together with the estimated cost of each. Presented to the House of Commons, 27th February, 1885.—*Mr. Wilson*.....*Not printed.*
- 64a.** Return to an Address of the House of Commons, dated 2nd March, 1885, for a copy of any memorials that may have been addressed to the Government with respect to the construction of a harbor of refuge at Port Rowan, in the Province of Ontario. Also for a copy of Richard Stevens' report made to the Department of Public Works on the same subject. Presented to the House of Commons, 8th April, 1885.—*Mr. Jackson*.....*Not printed.*
- 64b.** Supplementary Return to an Order of the House of Commons, dated 9th February, 1885, for a Return of all reports of Government engineers respecting the construction of a harbor of refuge at Port Stanley and Port Burwell, on the north shore of Lake Erie, together with the estimated cost of each. Presented to the House of Commons, 8th April, 1885.—*Mr. Wilson*—
Not printed.

- 64c.** Return to an Order of the House of Commons, dated 16th February, 1885, for copies of all reports and communications made to the Government by the Port Credit Harbor Company; and all memorials, petitions, reports of engineers and correspondence in reference to the condition and state of repair of the said harbor. Presented to the House of Commons, 20th July, 1885.—*Mr. Platt*.....*Not printed.*
- 65.** Return to an Order of the House of Commons, dated 11th February, 1885, for copies of all reports and correspondence not already brought down, relating to the construction of the post office, Inland Revenue and Custom house at St. Thomas, giving the amount expended to date; also the names of all persons to whom any portion of the expenditure has been paid; together with the amount paid to each, and for what. Presented to the House of Commons, 27th February, 1885.—*Mr. Wilson*.....*Not printed.*
- 66.** Return to an Order of the House of Commons, dated 6th February, 1885, for a copy of the report made in 1884 by the chief engineer of the Department of Public Works, on the Church Point and Trout Cove piers. Presented to the House of Commons, 26th February, 1885.—*Mr. Vail*.....*Not printed.*
- 67.** Return to an Order of the House of Commons, dated 9th February, 1885, for copies of all correspondence, documents and reports of engineers relating to improvements of the entrance into McIsaac's Pond, Inverness, Nova Scotia. Presented to the House of Commons, 27th February, 1885.—*Mr. Cameron (Inverness)*.....*Not printed.*
- 68.** Return to an Order of the House of Commons, dated 17th February, 1885, for a statement of the amounts paid by the Government to Messrs. George and Andrew Holland, or any other persons, for services as official reporters of the Senate, or for the short-hand work of any kind outside of parliamentary reporting, since 1st January, 1882. Presented to the House of Commons, 16th March, 1885.—*Mr. Auger*.....*Not printed.*
- 69.** Return to an Order of the House of Commons, dated 6th February, 1885, for a Return showing the number of dredges, tugs and dumping scows built in the United States for the Government of Canada during the years 1883 and 1884, showing where they were built, giving the contractor's name, and the price paid for the same. Presented to the House of Commons, 27th February, 1885.—*Mr. Jackson*.....*Not printed.*
- 69a.** Return to an Order of the House of Commons, dated 8th April, 1885, for copies of all correspondence and contracts entered into relative to the purchases of tug-barges, dredge and machinery used on Red River; a detailed statement of the cost of the same, the time when the work of dredging was commenced and discontinued, the quantity of dredging completed and the depth of water drawn by the Government tug "Sir Hector." Presented to the House of Commons, 23rd April, 1885.—*Mr. Watson*.....*Not printed.*
- 70.** Return to an Order of the House of Commons, dated 9th February, 1885, for copies of departmental instructions and correspondence on the subject of apportionment of sea lots to individuals desiring to place lobster traps in the open sea off the coast of Prince Edward Island. Presented to the House of Commons, 27th February, 1885.—*Mr. Blake*—
Printed for Distribution only.
- 71.** Return to an Order of the House of Commons, dated 17th February, 1885, for a statement of the amount expended in repairing the breakwater at Tracadie, Nova Scotia, from 30th June, 1884, to 31st January, 1885, giving the names of all persons to whom any portion of the expenditure has been paid, together with the amount paid to each, and for what. Presented to the House of Commons, 2nd March, 1885.—*Mr. McIsaac*.....*Not printed.*
- 71a.** Return to an Order of the House of Commons, dated 17th February, 1885, for a copy of the report made by the engineer since January, 1884, on the cost of erecting breakwaters at New Harbor and Indian Harbor, in the county of Guysboro', Nova Scotia, and also copy of report on White Haven boat canal. Presented to the House of Commons, 2nd March, 1885.—*Mr. Kirk*.....*Not printed.*
- 71b.** Return to an Order of the House of Commons, dated 9th February, 1885, for copies of all tenders for the construction of breakwater at Parrsboro' lighthouse station, in the county of

- Cumberland, N.S. ; copies of letter from Deputy Minister of Marine and Fisheries accepting the tender of one Neil McRay, and of telegram postponing the work ; also all letters objecting to the said Neil McRay as contractor and to the bondsmen offered by him, and letters tendering other names as bondsmen if required, and all other correspondence on the subject. Presented to the House of Commons, 2nd March, 1885.—*Mr. Robertson (Shelburne)*.....*Not printed.*
- 71c.** Return to Order, correspondence, reports of engineers and others, in reference to the construction of a breakwater at Salmon Point, together with lists of tenders and amount of each, and all other documents in the possession of the Government relative to the above mentioned work. Presented to the House of Commons, 23rd March, 1885.—*Mr. Platt*.....*Not printed.*
- 72.** Return to an Order of the House of Commons, dated 12th February, 1885, for a statement for the last fiscal year of the cost connected with the heating of public buildings (including wages as well as fuel) now paid under a lump vote, such statement to show the costs under the same sub-headings as those in which it was formerly included in the Public Accounts before the change in the system. Presented to the House of Commons, 2nd March, 1885.—*Mr. Blake*.....*Printed for both Distribution and Sessional Papers.*
- 73.** Return to an Order of the House of Commons, dated 6th February, 1885, for a statement showing the number of seizures made at each port of entry in the Dominion during the last fiscal year ; also during the six months ending the 31st December last ; the amount of fines exacted at each port during each of the said periods ; and the manner in which the said fines were disposed of, giving the names of the officers receiving any portion thereof, and the amount received by each of such officers out of the said fund. Presented to the House of Commons, 2nd March, 1885.—*Mr. Blake*.....*Printed for Distribution only.*
- 73a.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a statement showing the seizures made at the port of Winnipeg by the Department of Customs or any of its officers or officials, between 1st January, 1883, and 1st January, 1885 ; giving the estimated value of each of such seizures, the amount of fine imposed in each case and the manner in which the said fines were disposed of, and stating, in detail, the amount paid to each officer or employé of the Government, the name of such officer or employé, and when paid, also the salary paid to each such officer or employé ; the disposal made of all such goods seized, and if sold—when, for how much, and how the proceeds were disposed of. Presented to the House of Commons, 10th March, 1885.—*Mr. Paterson (Brant)*.....*Printed for Distribution only.*
- 73b.** Return to an Order of the House of Commons, dated 12th March, 1885, for a statement showing the number of seizures made at each port of entry in Nova Scotia during the last fiscal year ; also during the six months ending the 31st December last ; and the names of the parties from whom such seizures were made, the amount of fines exacted at each port during each of the said periods, and the manner in which the said fines were disposed of, giving the names of the officers receiving any portion thereof, and the amount received by each of such officers out of the said fund. Presented to the House of Commons, 17th April, 1885.—*Mr. Stairs*—
Not printed.
- 73c.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return showing seizures made at the Port of Winnipeg by the Customs officers or officials between 1st January, 1883, and 1st January, 1885, in which deposits were forfeited or goods sold after seizure ; giving the amount of each sum forfeited and the amount realized in each case in which goods were sold ; and stating in detail the name of each officer to whom any portion of the money so realized was paid, and the amount in each case thus paid to the said officer ; and also stating the salary paid such officer. Presented to the House of Commons, 18th July, 1885.
Mr. Paterson (Brant).....*Not printed*
- 74.** Return to an Order of the House of Commons, dated 23rd February, 1885, for copies of all correspondence, reports, &c., in connection with the weighing and measuring of potatoes and other roots in the Province of Prince Edward Island. Presented to the House of Commons, 2nd March, 1885.—*Mr. Macdonald (King's)*.....*Not printed.*
- 75.** Return to an Order of the House of Commons, dated 12th February, 1885, for a Return of all claims presented for drawback on materials used for shipbuilding, for the year ending 30th

June, 1884; also for the six months ending 31st December, 1884; giving the name of the applicant, the name and tonnage of the vessel, the amount claimed and the amount paid. Presented to the House of Commons, 2nd March, 1885.—*Mr. Burpee (Sunbury)*—

Printed for Distribution only.

75a. Return to an Order of the House of Commons, dated 17th February, 1885, for a Return of all claims presented up to the 1st February, 1885, for drawbacks on goods manufactured for export (since the date of the last return made to that House), showing the names of all applicants, their place of business, the articles on which the drawback was claimed, and the amount of each claim, distinguishing between the claims which have been allowed and those which have been disallowed, and those under consideration and not yet decided, and giving the reason for such disallowance. Also copies of all regulations made by the Department with reference to such claims, together with a copy of one allowed claim and the sworn declaration thereto of each exporter. Presented to the House of Commons, 6th March, 1885.—*Mr. Paterson (Brant)*—

Printed for Distribution only.

76. Return to an Order of the House of Commons, dated 30th January, 1884, for copies of any correspondence, documents, contracts or agreements with the Pullman Palace Car Company, in relation to the company's cars running over the Intercolonial Railway; also any contract or agreement with express companies as to conveyance of express matter over the said railway. Presented to the House of Commons, 2nd March, 1885.—*Mr. Weldon*—

Printed for Sessional Papers only.

76a. Return to an Address of the House of Commons, dated 20th February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House a copy of the Order in Council appointing Mr. L. K. Jones secretary of the Intercolonial Railway Commission, also a copy of the recommendation on which such Order in Council was based. Presented to the House of Commons, 5th March, 1885.—*Mr. Rykert*.....*Not printed.*

76b. Return to an Order of the House of Commons, dated 12th February, 1885, for a return of the casualties to trains on the Intercolonial Railway arising from collision, broken rails, or otherwise, for the calendar year 1884; the respective causes and dates; the amount of damages (if any), in each case, to property; the amount of compensation paid to owners of property destroyed or damaged, as well as amount of claims for loss or damage to property (if any) unsettled. Presented to the House of Commons, 5th March, 1885.—*Mr. Burpee (Sunbury)*—

Not printed.

76c. Return to an Order of the House of Commons, dated 23rd February, 1885, for a comparative statement of the cost of working the Intercolonial Railway for each of the years 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883 and 1884, and the number of miles operated in each year, giving for each year the cost for locomotive power, under the seven sub-headings given in the Minister's report, appendix, page 37; for car expenses, under the seven sub-headings given in the same report, same page; for maintenance, way and works, under the ten sub-headings given in the same report, page 37; for station expenses, under the three sub-headings given in the same report, same page; and for general charges, under the seven sub-headings given in the same report, page 39. Presented to the House of Commons, 9th March, 1885.—*Mr. Blake*.....*Printed for both Distribution and Sessional Papers.*

76d. Return to an Order of the House of Commons, dated 12th February, 1885, for a statement of the revenue and working expenses of the Intercolonial Railway, accrued for the six months of the year ending 31st December, 1884, under the several divisions, similar to Annual Statement B, Intercolonial Railway, in the Public Accounts. Presented to the House of Commons, 9th March, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*

76e. Return to an Order of the House of Commons, dated 17th February, 1885, for copies of all correspondence between the Intercolonial officials or the Government and the Canada Shipping Company, or the Beaver line of steamships, with reference to the terms for through rates of freight over the Intercolonial. Presented to the House of Commons, 10th March, 1885.—*Mr. Blake*.....*Not printed.*

76f. Return to an Order of the House of Commons, dated 17th February, 1885, for copies of the claim of J. B. Plante, of St. Charles, Bellechasse, in relation to certain horses which he alleges

have been killed by a train of the Intercolonial Railway, and of which he demands the value; copies of the order referring the said claim to the official arbitrators, and of their enquiry, report and award; of the second reference to the said arbitrators, and of their enquiry and further report; also all documents and papers relating to the matter in question. Presented to the House of Commons, 13th March, 1885.—*Mr. Landry (Montmagny)*.....*Not printed.*

- 76g.** Return to an Order of the House of Commons, dated 12th February, 1885, for a return showing the quantity of rolling stock purchased for the Intercolonial Railway during the six months of the year ending 31st December, 1884, giving each kind of rolling stock, and whether purchased under contract or otherwise, the parties from whom bought, and the cost of each kind; also a statement showing what has been built during the year in the Government workshops, giving each kind. Presented to the House of Commons, 23rd March, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*
- 76h.** Return to an Address of the House of Commons, dated 12th February, 1885, for copies of all Orders in Council, instructions to and correspondence with the commissioners under the commission issued in connection with the claims arising out of the construction of the Intercolonial Railway, and a statement of the matters referred to them, and of the moneys paid to them and to the secretary, and of the number of days during which the commissioners sat, all subsequent to the period covered by the return to the Address of last Session. Presented to the House of Commons, 31st March, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*
- 76i.** Return to an Address of the House of Commons, dated 27th April, 1885, for copies of all memorials or correspondence presented to or sent the Government by the mayors or city councils of the cities of St. John and Portland, relating to the interruption of traffic between these cities by the railway crossing on Mill Street, and for the erection of a bridge across the said street. Presented to the House of Commons, 9th June, 1885.—*Mr. Weldon*.....*Not printed.*
- 76j.** Return to an Order of the House of Commons, dated 27th April, 1885, for all papers, documents and correspondence respecting the claim of John D. Robertson for compensation for taking his factory, premises and land for the Intercolonial Railway, last May, at St. John; the report of Alexander Christie, as appraiser; the report of C. W. Fairweather, and others, as valuers, and the evidence taken before Mr. Compton, or any other arbitrator before whom the claim was heard. Presented to the House of Commons, 9th June, 1885.—*Mr. Mills*—*Not printed.*
- 76k.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return of the freight earnings of the Intercolonial Railway for the year ending 30th June, 1884, similar to the descriptive statement of the freight earnings of the Prince Edward Island Railway, to be found on page 84 of the report of the Minister of Railways, with the addition of such other articles of freight not contained in said descriptive statement as were carried on the Intercolonial Railway. Also a comparative statement of the operation of the Intercolonial Railway for said year, showing: 1. Passenger earnings per mile of road in operation. 2. Freight earnings per mile of road in operation. 3. Gross earnings per mile of road in operation. 4. Net traffic earnings per mile of road in operation. 5. Percentage of expenses to earnings. 6. Passenger earnings per passenger train per mile. 7. Freight earnings per freight train per mile. 8. Earnings per passenger per mile. 9. Earnings per ton per mile. 10. Average distance per passenger. 11. Average distance per ton. Presented to the House of Commons, 11th June, 1885.—*Mr. Davies*.....*Not printed.*
- 76l.** Return to an Order of the House of Commons, dated 12th March, 1885, for a Return of all contracts made by the Government for the erection of wire fences on the line of the Intercolonial Railway and the names of the contractors and the number of miles put under contract. Presented to the House of Commons, 11th June, 1885.—*Mr. Weldon*.....*Not printed.*
- 76m.** Return to an Order of the House of Commons, dated 24th February, 1885, for a statement of all free passes over the Intercolonial Railway issued to persons not actually employed as officers or workmen on this road during the year 1884, distinguishing between annual passes, passes for a more limited period, and single or return trip; with the names of the persons to whom, the dates when, and the occasion for which the same was issued. Presented to the House of Commons, 14th July, 1885.—*Mr. Gillmor*.....*Not printed.*

- 76n.** Return to an Order of the House of Commons, dated 11th March, 1885, for a Return showing: The number of free passes or reduced fare tickets granted to parties to travel on or over the Intercolonial Railway from the 1st January, 1884, to the 1st February, 1885; the names of the parties to whom granted; the date of issue; the length of time to remain in force, and, in case of a reduced fare, the reduction made. Presented to the House of Commons, 15th July, 1885.—*Mr. McMullen* *Not printed.*
- 77.** Return to an Address of the House of Commons, dated 24th February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House a copy of the judgment of the Supreme Court in the case of the Queen against Robinson, so far as relates to the rights of the Provincial Governments to control the inland fisheries of the Dominion; and also for copies of all correspondence between the Government of the Dominion and that of the Province of Ontario in relation thereto. Presented to the House of Commons, 2nd March, 1885.—*Mr. O'Brien* *Not printed.*
- 77a.** Return to an Address of the House of Commons, dated 23rd February, 1885, for a Return: 1. Of all contested cases judged upon the merits in the Supreme Court of Canada, during the twelve months ending 1st February instant. 2. Of the dates of final arguments. 3. Of the dates of final judgment. 4. Of the divisions, when such have been, among the judges at the rendering of the final judgments. Presented to the House of Commons, 9th March, 1885.—*Mr. Curran*..... *Not printed.*
- 77b.** General Rule, No. 265, of the Exchequer Court of Canada, pursuant to section 79 of the Supreme and Exchequer Court Act. Presented to the House of Commons, 10th April, 1885, by Hon. J. Costigan *Not printed.*
- 77c.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of all judgments rendered by the Supreme Court, from the period when it was first established up to this date, reversing decisions of the Court of Queen's Bench of the Province of Quebec, with a succinct summary of the reasons given by the judges. Presented to the House of Commons, 17th July, 1885.—*Mr. Landry (Montmagny)*..... *Not printed.*
- 78.** Return to an Order of the House of Commons, dated 17th February, 1885, for a Return showing all sums of money paid and the dates of payment to A. F. Wood and J. A. Wilkinson, or either of them, from the first day of January, 1879, to the first day of January, 1885; the work done or services rendered as valuers or otherwise during each year, showing the number of days, weeks or months employed and the number of valuations made on the Murray Canal; the amount paid to the several parties on the recommendation or joint recommendations of them or either of them; the length of time the claims had been in existence; the amount claimed and the dates of payment, and the amount paid and the travelling and all other expenses connected therewith and paid to the said Wood and Wilkinson, or either of them, or to any other person or persons on their or either of their accounts. Presented to the House of Commons, 2nd March, 1885.—*Mr. McMullen*..... *Not printed.*
- 79.** Return to an Address of the House of Commons, dated 23rd February, 1885, to His Excellency the Governor General, praying that he will cause to be laid before the House copies of all Orders in Council, leases, correspondence and other documents in possession of the Government in reference to the leasing of the piece of property in the city of Kingston known as the Tête du Pont Barracks. Presented to the House of Commons, 2nd March, 1885.—*Mr. Platt*—*Not printed.*
- 80.** Return to an Order of the House of Commons, dated 2nd February, 1885, for copies of all documents, correspondence and contracts between the Government or its officers and the several parties tendering for the supplying of wood to the lightship at the Lower Traverse, for the years 1883 and 1884. Presented to the House of Commons, 4th March, 1885.—*Mr. Casgrain*..... *Not printed.*
- 81.** Return to an Order of the House of Commons, dated 12th February, 1885, for a statement showing the names and places of residence of all militiamen of 1812 who received their pension during the last fiscal year, and the amount paid to each of them. Presented to the House of Commons, 5th March, 1885.—*Mr. Bourassa*..... *Printed for Sessional Papers only.*

- 81a.** Return to an Order of the House of Commons, dated 12th February, 1885, for a copy of the charges against Lieut.-Colonel O'Malley, of the 25th Battalion, Ontario; date of O'Malley's suspension; date of the court of enquiry into the charges; also a copy of the evidence taken before said court of enquiry, together with the report of said court to the Major-General commanding the militia; also copy of report of the Major-General commanding the militia in reference to the charges against Lieut.-Colonel O'Malley, 25th Battalion Presented to the House of Commons, 12th March, 1885.—*Mr. Wilson*.....*Not printed.*
- 81b.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a Return showing the number of officers, non-commissioned officers and men comprising "A," "B" "C" Batteries, the Cavalry and Infantry Schools; also the pay and allowances of the commissioned officers of said batteries and schools, with their rank and names, and distinguishing such of said commissioned officers as are graduates of the Royal Military College, the date of appointment of all said officers to the schools and of their commissions in the militia, as well as showing their qualifications and the Provinces from which they come; also return showing the expenditure on account of "A," "B" "C" Batteries, the Cavalry and Infantry Schools, from the 1st July, 1884, to 1st January, 1885, distinguishing the disbursements on account of pay and allowances, and the names of the parties to whom payments were made. Presented to the House of Commons, 13th March, 1885.—*Mr. Lister*.....*Not printed.*
- 81c.** Return (in part) to an Order of the House of Commons, dated 2nd March, 1885, for a return showing: 1. Number and names of the students having passed or graduated from the Royal Military College, Kingston, in each year to date. 2. Total number of marks received by each, together with the total number possible to be obtained in each year, respectively, and the percentage of such total obtained by each pupil. 3. Number and names of those cadets who, after passing through said college, are now employed in the service of the Dominion, together with statement of the position occupied by each. 4. Number and names of cadets who have been offered employment in the service of the Dominion, and have declined the offer, together with statement of the position offered and declined by each respectively. Presented to the House of Commons, 16th March, 1885.—*Mr. Blake*—
Printed for both Distribution and Sessional Papers.
- 81d.** Return to an Order of the House of Commons, dated 5th February, 1885, for a return of all rifle associations in the Dominion, their headquarters, the annual grant to each, with the names of the members of each of such associations. Presented to the House of Commons, 20th March, 1885.—*Mr. Bergin*.....*Not printed.*
- 81e.** Supplementary Return to an Order of the House of Commons, dated 2nd March, 1885, for a Return showing: 1. Number and names of the students having passed or graduated from the Royal Military College, Kingston, in each year to date. 2. Total number of marks received by each, together with the total number possible to be obtained in each year, respectively, and the percentage of such total obtained by each pupil. 3. Number and names of those cadets who, after passing through said college, are now employed in the service of the Dominion, together with statement of the positions occupied by each. 4. Number and names of cadets who have been offered employment in the service of the Dominion, and have declined the offer, together with statement of the position offered and declined by each, respectively. Presented to the House of Commons, 27th April, 1885.—*Mr. Blake*.....*Not printed.*
- 81f.** Copy of a Report of a Committee of the Honorable the Privy Council, approved by His Excellency the Governor General in Council, dated the 8th July, 1885, on a memorandum of the 30th June, 1885, from the Minister of Militia and Defence, submitting certain regulations relating to gratuities and pensions to be granted under the provisions of section 68 of the Consolidated Militia Act of 1883, to officers and men of the active militia who have been or may be killed or wounded on actual service after the 20th day of March, 1885, or who have died since that date, or may die hereafter, from illness or injuries contracted on actual service. Presented to the House of Commons, 10th July, 1885, by Hon. J. P. R. A. Caron—
Printed for both Distribution and Sessional Papers.
- 82.** Return to an Address of the House of Commons, dated 22nd February, 1885, for copies of the petition of J. Hickson, Esq., and others, relative to the continuation of the pension of the late

John Martin to his widow, and all papers in connection therewith. Presented to the House of Commons, 5th March, 1885.—*Mr. Curran*.....*Not printed.*

83. Return to an Address of the House of Commons, for copies of all Orders in Council, memorials and representations, on the subject of the bounty on manufactures of iron, not already brought down, together with all letters, accounts and vouchers in respect of claims made for such bounty; and statement in detail of all sums paid or allowed in respect thereof. Presented to the House of Commons, 6th March, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*

84. Return to an Order of the House of Commons, dated 12th February, 1885, for copies of all papers and correspondence between the Government and D. J. Hughes, county judge of Elgin, or any other person or persons, relating to charges preferred by certain petitioners of said county, asking for a commission of enquiry into the official conduct of the said judge. Presented to the House of Commons, 6th March, 1885.—*Mr. Wilson*.....*Not printed.*

85. Return to an Order of the House of Commons, dated 17th February, 1885, for a Return of all certificates for liquor sold under section 99, clause 4, second part of the Canada Temperance Act of 1878, by the physicians of the several counties now under the said Act in Nova Scotia, giving the names of each physician and the names of the persons to whom certificates were granted, and the quantity supplied in each case, from 1st January, 1884, to 1st January, 1885. Presented to the House of Commons, 6th March, 1885.—*Mr. Kirk*.....*Not printed.*

85a. Return to an Address of the House of Commons, dated 5th February, 1885, for: 1. A copy of the Order in Council respecting the submission to the Supreme Court of the case agreed on between the Government of Canada and the Government of each of the Provinces under the Liquor License Act of 1883, and the Act to amend the Liquor License Act of 1883, as to the competency of Parliament to pass the said Acts in whole or in part. 2. A copy of the said case of the factum of the Government of Canada and of the factum of each of the said Provinces, the arguments of counsel in such case and the notes of the shorthand reporter taken during such argument. 3. A copy of the report of said court in said case. 4. All correspondence between the Government of Canada and the Government of each of said Provinces touching said case, and the submission thereof, and the report thereon; and all correspondence between said Governments before and since said report, respecting the same and the matters in dispute and so referred. Presented to the House of Commons, 11th March, 1885.—*Mr. Cameron (Huron)**Printed for Sessional Papers only.*

85b. Return (*in part*) to an Order of the House of Commons, dated 16th February, 1885, for a statement from the records of all the votings held in various counties and cities under the provisions of the Canada Temperance Act, 1878, showing by electoral districts and the various sub-divisions thereof, the total number of names on the electoral lists, the number of votes polled for the adoption of the Act, and the number of votes polled against the adoption of the Act, with the number of the population of each such electoral district at the time of the taking of the census next preceding the vote in such electoral district. Presented to the House of Commons, 11th March, 1885.—*Mr. Fisher*.....*Not printed.*

85c. Return to an Address of the House of Commons, dated 2nd March, 1885, for all correspondence between this Government and the Local Government of the Province of Quebec about the working of the License Act. Presented to the House of Commons, 13th March, 1885.—*Mr. Bergeron**Not printed.*

85d. Return to an Address of the House of Commons, dated 2nd March, 1885, for: 1. The amount of revenue derived from the importation of wines, spirits, ale, beer, porter, cordials and other liquors, during the last fiscal year. 2. The amount of revenue derived from the manufacture of the same for the same period. Presented to the House of Commons, 13th March, 1885.—*Mr. Bergin*.....*Not printed.*

85e. Return to an Order of the House of Commons, dated 9th February, 1885, for a Return of all certificates for liquor under section ninety-nine, clause four, second part of the Canada Temperance Act of 1878, by the physicians of the county of Halton; giving the name of each physician and the name of each person to whom certificates were granted from the first of May, 1884, to the first of February, 1885. Presented to the House of Commons, 18th March, 1885.—*Mr. McCraney*.....*Not printed.*

- 85f.** Return to an Order of the House of Commons, dated 16th February, 1885, for a statement from the records of all the voting held in various counties and cities under the provisions of the Canada Temperance Act, 1878, showing by electoral districts and the various sub-divisions thereof the total number of names on the electoral lists, the number of votes polled for the adoption of the Act, and the number of votes polled against the adoption of the Act, with the number of the population of each such electoral district at the time of the taking of the census next preceding the vote in such electoral district. Presented to the House of Commons, 23rd March, 1885.—*Mr. Fisher*.....*Not printed.*
- 85g.** Return to an Address of the Senate, dated 20th February, 1885, for a return of the amounts of revenue received from duties or excise on wine, beer and spirits, for the year ending 31st December, 1884. Presented to the Senate, 13th March, 1885.—*Hon. Mr. Plumb*....*Not printed.*
- 85h.** Return to an Address of the House of Commons, dated 27th April, 1885, for copies of all correspondence between Charles H. Lugrin and the Secretary of State, in reference to an appeal to the Supreme Court of Canada to test the constitutionality of the Canada Temperance Act, between the dates of 31st May, 1879, and 31st May, 1884. Presented to the House of Commons, 5th May, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*
- 85i.** Return to an Order of the House of Commons, dated 5th February, 1885, for a Return showing the number of persons who applied in the year 1884 for licenses under the Liquor License Act of 1883; the total number of licenses granted in Canada, the total number in each province and in each electoral district; the total number refused a license and the reason for refusal; the total number in each province who paid part of the fee but did not take out a license; the total amount received by the Government for such licenses in Canada, in each province of Canada, and also in each electoral division; together with a statement showing what salary was paid the commissioners, inspectors and sub-inspectors under the Act, and giving the names and addresses of said commissioners, inspectors and sub-inspectors in every electoral district of Canada. Presented to the House of Commons, 23rd June, 1885.—*Mr. Landerkin*—*Not printed.*
- 85j.** Return to an Order of the House of Commons, dated 5th February, 1885, for a Return showing the names and residences of all officials appointed by the Government or the Board of License Commissioners under the Liquor License Act of 1883, and amending Act; the salary, fees and emoluments paid to each, and the aggregate costs incurred up to 1st January, 1885, under the said Act, and for carrying out and enforcing the same. 2. A statement of the name and residence of each person who obtained a license under the said Act, as well as under any local law. 3. A statement of all sums received by the Government or any persons appointed under the said Acts, up to 1st January, 1885, as license fees or otherwise, and the name and residence of the person from whom received, and the disposal made by the Government or the officials of the Government of such sums. 4. A full and detailed statement of all costs, charges and expenses paid by the Government up to 1st January, 1885, under the said Acts or in connection therewith, or arising therefrom for the purpose of carrying said Acts into effect and enforcing the same and testing the constitutionality of the said Acts. Presented to the House of Commons, 23rd June, 1885.—*Mr. Cameron (Huron)*.....*Not printed.*
- 85k.** Return to an Order of the House of Commons, dated 12th February, 1885, for a copy of all correspondence had with the Government, or any member thereof, in relation to any proposed alteration or relaxation of the provisions of the present Prohibitory Liquor Law of the North-West Territories. Presented to the House of Commons, 15th July, 1885.—*Mr. Foster*—*Printed for Sessional Papers only.*
- 86.** Return to an Address of the House of Commons, dated 6th February, 1885, for: 1. A statement showing all tolls of the Northern Railway Company of Canada, the Hamilton and North-Western Railway Company, and the Northern and Pacific Junction Railway Company, respectively. 2. Copies of the respective by-laws of such companies fixing and regulating such tolls. 3. Copies of any Orders in Council approving of any of such tolls. Presented to the House of Commons, 9th March, 1885.—*Mr. Mulock*.....*Not printed.*
- 87.** Return to an Order of the House of Commons, dated 17th February, 1885, for a Return showing the number of islands leased in the river St. Lawrence, the names of such islands, the party or

parties to whom leased, and the yearly rental payable for each of the said islands respectively. Presented to the House of Commons, 11th March, 1885.—*Mr. Wood (Brockville)*....*Not printed.*

88. Return to an Order of the House of Commons, dated 23rd February, 1885, for copies of all correspondence relative to the proposal to have the waters of the Muskoka lakes connected with the proposed Trent Valley Canal system by the construction of a short canal from Gravenhurst Bay to the waters of the Severn River. Presented to the House of Commons, 11th March, 1885.—*Mr. Cockburn*.....*Not printed.*

89. Return to an Order of the House of Commons, dated 16th February, 1885, for a statement of the various amounts of money paid by the Government of Canada, or any of the public departments, since 1882, to Henry J. Morgan, for services of any kind, or for copies of a certain book, called the "Annual Register;" together with copies of the certificate of each public official to whom such books have been delivered. Presented to the House of Commons, 11th March, 1885.—*Mr. McCraney*.....*Not printed.*

89a. Return to an Order of the House of Commons, dated 27th April, 1885, for a statement of all payments during 1882-83 and 1883-84 for the *Dominion Annual Register* to anyone except H. J. Morgan, with the names of the persons who received the money, and a statement of the manner in which the number of books were distributed. Presented to the House of Commons, 19th May, 1885.—*Mr. McCraney*.....*Not printed.*

90. Report of Progress of the Geological and Natural History Survey and Museum of Canada, containing reports and maps of investigation and surveys, for 1882-83 and 1884. Presented to the House of Commons, 11th March, 1885, by Sir John A. Macdonald—
Not re-printed for Sessional Papers.

91. The Annual Report of the Life Association of Canada, for year ending 31st December, 1883. Presented to the House of Commons, 20th March, 1885.....*Not printed.*

92. A statement of affairs and list of shareholders of the British Canadian Loan and Investment Company, on the 31st December, 1884. Presented to the House of Commons, 20th March, 1885, by Sir Leonard Tilley.....*Not printed.*

93. Return to an Order of the House of Commons, dated 17th February, 1885, for copies of all papers connected with the sale of the Dundas and Waterloo Macadamized Road by the Government on the 15th day of March, 1884, including previous applications by any municipality or private parties for the purchase or other acquisition of the road, the conditions under which the road was offered for sale; statement, in detail, of the expenses incurred in connection with the sale, to whom sold, the amount realized and the amount and dates of the payments made by the purchaser, and the balance, if any, remaining unpaid at the date of this Order. Presented to the House of Commons, 12th March, 1885.—*Mr. Paterson (Brant)*—
Not printed.

94. Return to an Order of the House of Commons, dated 23rd February, 1885, for a statement showing in the case of each election which has taken place since the general election of 1878 :
1. The date of certificate of the judge or court showing the election was void, or of the communication from members that there was a vacancy, or of the member's warrant to the Clerk of the Crown in Chancery, or of any other instrument under which primary action was taken towards a new election, specifying in each case the nature of the instrument. 2. Date of receipt by the Speaker or Clerk, as the case may be, of above instrument. 3. Date of the issue of Speaker's warrant to the Clerk of the Crown in Chancery to make out a new writ. 4. Date of the receipt of the Speaker's warrant by the Clerk of the Crown in Chancery. 5. Date of the issue of new writ by the Clerk of the Crown in Chancery. 6. Date of despatch of new writ to Returning Officer. 7. Dates named in new writ for nomination and polling respectively. 8. Dates on which nomination and polling took place. 9. Date of return. 10. Date of receipt of return by Clerk of the Crown in Chancery. Presented to the House of Commons, 18th March, 1885.—*Mr. Blake*.....*Not printed.*

94a. Return (*in part*) to an Order of the House of Commons, dated 23rd February, 1885, for a statement respecting each election which has taken place since the general election of 1878; dated 20th March, 1885. Presented to the House of Commons, 20th March, 1885.—*Mr. Blake*—
Not Printed.

- 95.** Return to an Order of the House of Commons, dated 2nd March, 1885, for: 1. Copies of the petition praying for the deepening of Bras St. Nicholas, in the county of Montmagny. 2. Statement of the amount expended in the said work, the names of the persons to whom the same was paid, the work for which such sum was paid, the date of payment, and the report, estimate or account upon which each payment was made. 3. Statement of the amount paid to Jules Bélanger in connection with the said work. Presented to the House of Commons, 13th March, 1885.—*Mr. Laurier*.....*Not printed.*
- 96.** Return to an Order of the House of Commons, dated 6th February, 1885, for copies of all correspondence, leases, agreements and statements of payments for rent or taxes, or allowances to any Government employé for the same, for a building occupied by the engineer or assistant engineers of the Trent Valley Canal on part of lot 2 west of Colborne Street and north of Frances Street, in the village of Fenelon Falls, Ontario. Presented to the House of Commons, 13th March, 1885.—*Mr. Cockburn*.....*Not printed.*
- 96a.** Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all correspondence, reports to Council, Orders in Council, reports of engineers on the ground, engineers in charge, and of the chief engineer, plans and estimates of cost, in connection with the proposed Trent Valley Canal. Presented to the House of Commons, 8th May, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 96b.** Return to an Address of the House of Commons, dated 30th March, 1885, for copies of all advertisements, tenders, contracts, specifications, Orders in Council, correspondence and other papers in connection with George Goodwin's contracts in respect to the Trent Valley Canal navigation, including all accounts and letters with reference to claims for extras on such contracts. Presented to the House of Commons, 8th May, 1885.—*Mr. Blake*.....*Not printed.*
- 97.** Return to an Order of the House of Commons, dated 17th February, 1885, for a statement of subsidies in cash and subventions, of whatever kind, on railways in the Province of Nova Scotia, including the island of Cape Breton, chargeable to capital account, since the date of Confederation, whether in aid of construction or acquiring of said railways, and the number of miles located in each county. Presented to the House of Commons, 13th March, 1885.—*Mr. McDougall (Cape Breton)*.....*Not printed.*
- 97a.** Return to an Address of the House of Commons, dated 6th February, 1885, for copies of all Orders in Council, reports, correspondence and papers respecting the grant or payment of any subsidies to railways other than the Canadian Pacific Railway, not already brought down; and statements, in detail, of all such payments to date. Presented to the House of Commons, 31st March, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 97b.** Orders in Council recommending the grant of Dominion lands to the Alberta and Athabasca Railway Company, to the Manitoba South-Western Colonization Railway Company, to the Qu'Appelle, Long Lake and Saskatchewan Railroad and Steamboat Company, and to the Manitoba and North-Western Railway Company. Presented to the House of Commons, 15th April, 1885, by Hon. J. H. Pope.....*Not printed.*
- 97c.** Papers, correspondence, etc., relative to grants of Dominion lands to the following railways:—Manitoba South-Western Railway Company, Manitoba North-Western Railway Company, Qu'Appelle, Long Lake and Saskatchewan Railway and Steamboat Company, Winnipeg and Hudson Bay Railway and Steamship Company, North-Western Coal and Navigation Company, North-West Central Railway Company, Qu'Appelle and Wood Mountain Railway Company, and the Portage, Westbourne and North-Western Railway Company. Presented to the House of Commons, 22nd April, 1885, by Hon. J. H. Pope.....*Not printed.*
- 97d.** Copy of an Order in Council, under date the 6th May, 1885, respecting the Manitoba and North-Western Railway Company. Presented to the House of Commons, 15th June, 1885, by Sir Hector Langevin.....*Not printed.*
- 98.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a statement showing the earnings and working expenses of the Eastern Extension Railway, from New Glasgow to Port Mulgrave, Nova Scotia, for each month of the calendar year 1884, respectively. Presented to the House of Commons, 13th March, 1885.—*Mr. Cameron (Inverness)*.....*Not printed.*

- 99.** Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all petitions, letters and other correspondence between the Government and any other parties, relating to the payment of wages due the laborers employed on the construction of the Cape Traverse Branch of the Prince Edward Island Railway. Presented to the House of Commons, 13th March, 1885.—*Mr. Hackett*.....*Not printed.*
- 99a.** Return to an Address of the Senate, dated 20th March, 1885, showing, in detail, the total cost of the Cape Traverse Branch Railway; including the sums paid to engineers and for superintending its construction, the rolling stock, stations and other buildings. Presented to the Senate, 20th April, 1885.—*Hon. Mr. Botsford**Not printed.*
- 100.** Return to an Address of the House of Commons, dated 2nd March, 1885, for copies of all correspondence between the Government of British Columbia or any other person and the Dominion Government, in reference to the troubles among the Indians at Metlakatla, in the year 1884; also all correspondence, including the Order of Council, referring to or recommending the commutation of the sentence passed by the court in British Columbia upon the murderer of Mrs. Yeomans. Presented to the House of Commons, 18th March, 1885.—*Mr. Shakespeare and Mr. Gordon's amendment*.....*Not printed.*
- 100a.** Return to an Order of the House of Commons, dated 12th March, 1885, for: 1. Copy of form of tender for Indian supplies in the North-West for the year 1884. 2. Copies of all tenders received by the Government for such supplies in 1884. 3. The action or decision of the Government on such tenders, and the reasons therefor. 4. Copies of all contracts made by the Government with parties whose tenders have been accepted. 5. All correspondence with the Government respecting all tenders and contracts. Presented to the House of Commons, 29th April, 1885.—*Mr. Paterson (Brant)*.....*Printed for Sessional Papers only.*

CONTENTS OF VOLUME No. 13.

- 101.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a Return of all fish taken in the bay and river of Miramichi and its branches for the year ending 1st February, 1885, defining the separate quantities of each kind by weight, the places to which they were exported, and the route of transport in each case, and the average price received for each kind of fish; together with an estimate, in detail, of the several kinds of fish taken in that time. Presented to the House of Commons, 20th March, 1885.—*Mr. Macmillan (Middlesex)*—
Not printed.
- 101a.** Return to an Address of the House of Commons, dated 6th February, 1885, for copies of all minutes of Council, reports to Council, and of correspondence between the Canadian Government and the British Government, or any of its officers or members, not already laid before Parliament, relating to the so-called fishery question, from the 1st of July, 1867, up to the time of the signing of the Washington Treaty. Presented to the House of Commons, 22nd April, 1885.—*Mr. Mulock*.....*Printed for Sessional Papers only.*
- 101b.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of all documents, plans and reports furnished to the Department of Marine and Fisheries by J. U. Gregory, in relation to the porpoise fishery of Ste. Ann la Pocatière. Presented to the House of Commons, 28th May, 1885.—*Mr. Blondeau*.....*Not printed.*
- 101c.** Return to an Order of the House of Commons, dated 27th April, 1885, for a statement of amounts paid in bounty in the years 1883 and 1884 on fish caught in Bras d'Or Lakes, in the counties of Cape Breton, Inverness, Richmond and Victoria, and number of boats drawing such bounty in each county. Presented to the House of Commons, 28th May, 1885.—*Mr. McDougall (Cape Breton)*.....*Not printed.*
- 101d.** Return to an Order of the House of Commons, dated 12th March, 1885, for a return of all leases or licenses issued by the Department of Marine and Fisheries to fish on non-tidal waters in the Province of New Brunswick; the names of the lessees or licensees, and the respective territories and streams leased or licensed, and the respective amounts of rent paid by each lessee or licensee annually. Presented to the House of Commons, 28th May, 1885.—*Mr. Weldon*.....*Not printed.*

- 101e.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of the report of Mr. Jules Gauvreau, fishery overseer, and all details relating thereto, for the year 1884. Presented to the House of Commons, 28th May, 1885.—*Mr. Blondeau*.....*Not printed.*
- 101f.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of the report of the enquiry made by J. U. Gregory against Mr. Clovis Caron, fishery overseer, and of all documents relating thereto. Presented to the House of Commons, 28th May, 1885.—*Mr. Blondeau*.....*Not printed.*
- 101g.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of the report of Mr. Clovis Caron, fishery overseer, and all details therewith connected, for the year 1884. Presented to the House of Commons, 28th May, 1885.—*Mr. Blondeau*.....*Not printed.*
- 101h.** Return to an Address of the House of Commons, dated 27th April, 1885, for copies of all correspondence, Orders in Council, reports and other papers in connection with the removal of Mr. J. E. Starr, of Port Williams, Nova Scotia, from the office of fishery overseer, and the appointment of his successor; and a statement of the distance between the residence of Mr. Starr and that of his successor, and of the length of the coast line of King's County, N.S. Presented to the House of Commons, 5th June, 1885.—*Mr. Blake*.....*Not printed.*
- 101i.** Message from His Excellency the Governor General, transmitting to the House of Commons copies of despatches, correspondence and papers having reference to the negotiations at Washington with respect to the termination of the fishery clauses of the Treaty of Washington during the year 1884 and to the present date in 1885. Presented to the House of Commons, 9th July, 1885, by Sir John A. Macdonald.....*Printed for Sessional Papers only.*
- 102.** Return to an Address of the House of Commons, dated 2nd March, 1884, for copies of all correspondence, reports, Orders in Council, statements of accounts and other documents in the possession of the Government relating to the claim of the Government against the Allan Steamship Company for services rendered by the steamer "Newfield," in 1881, with a statement of the Government claim and the amount received in liquidation thereof. Presented to the House of Commons, 20th March, 1885.—*Mr. Forbes*.....*Not printed.*
- 103.** Return to an Order of the House of Commons, dated 2nd February, 1885, for copies of the complaint, correspondence, documents and reports, relating to the enquiry respecting Captain Alphonse Miville DeChêne about the year 1879, at St. Roch des Aulnets. Presented to the House of Commons, 20th March, 1885.—*Mr. Casgrain*.....*Not printed.*
- 104.** General statements and returns of baptisms, marriages and burials for certain districts of the Province of Quebec, for the year 1884. Presented to the House of Commons, 20th March, 1885, by Hon. J. H. Pope.....*Not printed.*
- 105.** Return to an Order of the House of Commons, dated 2nd March, 1885, for a statement of the quantity and value of coal purchased in 1883 and 1884 for the use of the public buildings at Ottawa, including Rideau Hall, showing from whom purchased, the price paid per ton, the kind of coal, and where produced. Presented to the House of Commons, 23rd March, 1885.—*Mr. Kirk*.....*Not printed.*
- 105a.** Return to an Order of the House of Commons, dated 12th March, 1885, for a Return of all animal charcoal imported into the Dominion, whether as fertilizers or for manufacturing purposes, the value of each kind, and the duties collected thereon at the respective ports of the Dominion, for the last fiscal year ending 30th June, 1884. Presented to the House of Commons, 27th April, 1885.—*Mr. Stairs*.....*Not printed.*
- 105b.** Return to an Order of the House of Commons, dated 12th March, 1885, for copies of all notices asking for tenders for supplying the fog-whistles and lighthouses in the Bay of Fundy and on the south shore of Nova Scotia with coal; copies of tenders submitted, names of party or parties whose tenders were accepted; copies of all vouchers, bills of lading and receipts upon which moneys were paid, and all other information in the Department in reference to this service. Presented to the House of Commons, 27th April, 1885.—*Mr. Robertson (Shelburne)*—*Not printed.*

- 105c.** Return to an Order of the House of Commons, dated 12th February, 1885, for a return giving a full statement of all coal entered ex-warehouse, free for exportation, during the year ending 30th June, 1884, showing the quantity so entered at each port; the names of persons having entered; the quantities ex-warehoused by each person, and, if exported, the name of the vessel or railroad by which exported; the place to which exported, and copies of all the cancelling certificates, showing that such coal had been landed in the ports to which exported. Presented to the House of Commons, 7th May, 1885.—*Mr. Burpee (Sunbury)*.....*Not printed.*
- 105d.** Return to an Order of the House of Commons, dated 12th March, 1885, for a return of the quantity of coal carried from the Spring Hill Coal Mines by the Intercolonial Railway from 1st January, 1884, to 31st December, 1884, showing the distance carried, the several places where delivered, and the rate per ton or per car for the carriage thereof from the mines to the several points of delivery. Presented to the House of Commons, 14th July, 1885.—*Mr. McMullen**Not printed.*
- 106.** Return to an Order of the House of Commons, dated 24th February, 1885, for copies of all correspondence exchanged between the Department of Public Works and any person whomsoever, in relation to the construction of a wharf at Pointe aux Trembles, in the county of Portneuf. Presented to the House of Commons, 23rd March, 1885.—*Mr. De St. Georges*—*Not printed.*
- 106a.** Return to an Order of the House of Commons, dated 12th March, 1885, for a return of the wharfage collected at the Digby Pier from the 1st January, 1884, to the 31st of December, 1884. Also a return of the wharfage collected at the Metaghan River Pier, in the county of Digby, for the same period. Presented to the House of Commons, 16th April, 1885.—*Mr. Vail*—*Not printed.*
- 107.** Return to an Order of the House of Commons, dated 23rd February, 1885, for copies of correspondence, petitions, reports of engineers, lighthouse inspectors and others, in reference to change in dimensions of location of the lighthouses known as "Range Lights," at Weller's Bay, Ontario. Presented to the House of Commons, 23rd March, 1885.—*Mr. Platt*—*Not printed.*
- 107a.** Return to an Order of the House of Commons, dated 27th April, 1885, for a return of any memorials or correspondence with the Department of Marine and Fisheries in reference to the site of the new lighthouse at Quaco, built in place of a former one destroyed by fire; showing what was the purchase money paid for the present site, and to whom paid; and showing also who is the present keeper of the light, when appointed, and at what salary. Presented to the House of Commons, 5th June, 1885.—*Mr. Weldon*.....*Not printed.*
- 107b.** Return to an Order of the House of Commons, dated 27th April, 1885, for copies of all correspondence and complaints regarding the management of Bird Island Light, Victoria, Nova Scotia, during the past two years. Also the reports of the several superintendents of lights during the above period, and the evidence taken before the several superintendents regarding the management of the said Bird Island Light. And also the name of the person (if any) now in charge of said light, and the amount of salary paid to such keeper, and if he is permanently engaged. Presented to the House of Commons, 8th June, 1885.—*Mr. Campbell (Victoria)*.....*Not printed.*
- 108.** Return to an Address of the House of Commons, dated 23rd February, 1885, for copies of all Orders in Council, leases, correspondence and other documents in possession of the Government, in reference to the leasing of the piece of property in the city of Kingston known as the Market Battery. Presented to the House of Commons, 23rd March, 1885.—*Mr. Platt*—*Not printed.*
- 109.** Return to an Order of the House of Commons, dated 17th February, 1885, for a copy of the document or instrument containing the assurance received by the Government on or about the 17th day of April last from the Grand Trunk Railway Company, referred to by the Right Hon. Sir John A. Macdonald on that day in his place in this House, to the effect that the Grand Trunk Railway Company would set aside one million pounds sterling for the purpose of double

tracking the line of the Grand Trunk Railway between Montreal and Toronto. Also copy of the report of the denial of the said assurance and of the statements alleged to have been made in respect of it, by Sir Henry Tyler, the president of the said company, at the meeting thereof held in London, England, shortly after the said announcement; and copies of all correspondence between the Government and any official of the said company respecting the said assurance. Presented to the House of Commons, 23rd March, 1885.—*Mr. Mitchell*.....*Not printed.*

109a. Return to an Order of the House of Commons, dated 28th March, 1884, for a statement showing the names of all stockholders in the Grand Trunk Railway of Canada, with the amounts of stock held by each of said stockholders, at the close of the first year after the charter was granted or operations commenced. Also the names of all stockholders in said company and the amounts of stock held by each on the first day of the current year. Presented to the House of Commons, 31st March, 1885.—*Mr. Mitchell*.....*Not printed.*

109b. Return to an Order of the House of Commons, dated 24th February, 1885, for a statement in detail of the several casualties or accidents, whereby passengers were injured or killed, which have occurred on the Grand Trunk Railway and any of its branches, and the Canadian Pacific Railway and any of its branches, from the 1st day of January, 1884, to the 1st day of January, 1885, stating in detail where and when such casualties occurred, the number of persons killed in each casualty, also number injured, stating whether seriously or otherwise, the several amounts paid, and to whom paid, as damages in each accident, whether any law suits for recovery of damages are pending, and stating in detail what amounts are still claimed thereon; also the causes of such accidents. Presented to the House of Commons, 16th April, 1885.—*Mr. Mitchell*.....*Not printed.*

109c. Supplementary Return to an Order of the House of Commons, dated 24th February, 1885, for a statement, in detail, of the several casualties or accidents, whereby passengers were injured or killed, which have occurred on the Grand Trunk Railway and any of its branches, and the Canadian Pacific Railway and any of its branches, from the 1st day of January, 1884, to the 1st day of January, 1885, stating, in detail, where and when such casualties occurred, the number of persons killed in each casualty, also number injured, stating whether seriously or otherwise, the several amounts paid, and to whom paid, as damages in each accident, whether any lawsuits for recovery of damages are pending, and stating, in detail, what amounts are still claimed thereon; also the causes of such accidents. Presented to the House of Commons, 20th April, 1885.—*Mr. Mitchell*.....*Not printed.*

109d. Return (*in part*) to an Order of the House of Commons, dated 24th February, 1885, for copies of the returns as required to be made under the Consolidated Railway Act of 1879, and the Acts in amendment thereof, of 1881 and 1884, by the Grand Trunk Railway Company, for the fiscal year 1883-84, in each year separately; and—1. The number of miles of main line of Grand Trunk, with statement of actual total cost of construction and equipment thereof. The separate cost per mile of construction thereof, without rolling stock. The total amount of capital account now standing against the said railway, including its equipment. 2. A statement, in detail, showing the several branches or side lines now owned by the said company, including the number of miles in each, with the amounts severally paid for each. How such amounts were paid; whether paid in cash or securities, and the statement and character thereof, in detail. The amount for which each of such securities was sold, and the net amounts which were realized in each. 3. A statement, in detail, of any railway line or lines leased by the Grand Trunk Company or agreed to be worked by them on a percentage of earnings or other terms, with the length of each of such lines and the conditions, in detail, of the agreements in relation thereto. 4. A statement, in detail, of any interest the Grand Trunk Railway may have in any other railway or railways, with the securities, in detail, that they may hold in relation thereto. 5. A statement in detail of the net earnings of each of the railways mentioned in the four preceding clauses, after the payment of working expenses, for the past financial year, of each of the said railways, with a statement, in detail, of the percentage that working expenses bear in each case to the gross earnings. 6. Whether any and what amounts were paid by the Grand Trunk Company towards the construction of the Toronto and Ottawa Railway, and the amount thereof, with the statement of the gross, as well as the net, earnings of the said railway for the past financial year of the said railway; and a statement of where

these funds came from; also a statement as to where they appear in the accounts of the Grand Trunk Company's accounts or returns. Presented to the House of Commons, 5th May, 1885.—*Mr. Mitchell*.....*Not printed.*

- 110.** Return to an Order of the House of Commons, dated 12th March, 1885, for a Return showing all properties or rooms leased by the various branches of the Public Service from private parties or companies in the city of Ottawa, stating the amount of rental paid in each case; also the purposes for which such properties or rooms are used. Presented to the House of Commons, 24th March, 1885.—*Mr. Somerville (Brant)*.....*Not printed.*
- 111.** Return to an Address of the House of Commons, dated 6th February, 1885, for copy of the lease of the Northern and Pacific Junction Railway Company to the Northern Railway Company of Canada and Hamilton and North-West Railway Company, or either of them. Presented to the House of Commons, 24th March, 1885.—*Mr. Mulock*—
Printed for Sessional Papers only.
- 112.** Return to an Order of the House of Commons, dated 9th February, 1885, for a statement in detail showing amount of work done, contracts made and with whom, moneys paid and to whom, and all expenditures in connection with the improvements of Great Village River, in the county of Colchester, Nova Scotia. Presented to the House of Commons, 24th March, 1885.—*Mr. Robertson (Shelburne)*.....*Not printed.*
- 113.** Return to an Order of the House of Commons, dated 12th March, 1885, for : 1. The names of all persons who tendered for the construction of the drill shed at Quebec. 2. The amount asked by each person so tendering. 3. The amount of the cheque deposited by each such person in support of his tender, with the names of the signers and endorsers of each cheque, and the names of the several banks by which such cheques were accepted. Presented to the House of Commons, 26th March, 1885.—*Mr. Landry (Montmagny)*.....*Not printed.*
- 114.** Return to an Order of the House of Commons, dated 12th March, 1885, for a copy of report of the Superintendent of Burlington Bay Canal of the soundings taken during the summer of 1884, the plottings and cross-sections made, showing the present conformation of the bottom of the said canal, together with a statement showing the depths on both sides, as well as all plans giving information in reference to said soundings. Presented to the House of Commons, 26th March, 1885.—*Mr. Robertson (Hamilton)*.....*Not printed.*
- 115.** Return to an Order of the House of Commons, dated 17th February, 1885, for a report of the Auditor General and also one McGee, as well as for all papers, letters, accounts, cheques and newspapers connected with any claim of Staff Commander Boulton against the Department of Marine and Fisheries or the Government for any amount of money which he alleges to be due him for salary or otherwise, or which he asserts has been withheld from him, or in relation to any dispute between said Boulton and any officer of the Marine and Fisheries Department in regard to cheques drawn in favor of said Boulton. Also a Return to an Order of the House of Commons, dated 2nd March, 1885, for a return of any papers or letters in the hands of the Government signed by Deputy Minister Smith, bearing on the subject of dispute or irregularity between Deputy Minister Tilton and Staff Commander Boulton, or in any way relating thereto; also copies of any letters addressed to Mr. Tilton by Mr. Smith, as Deputy Minister, on the subject. Presented to the House of Commons, 30th March, 1885.—*Mr. McMullen*.....*Not printed.*
- 116.** Papers and correspondence, up to the present time, with respect to the commission recently appointed to investigate and report upon the claims existing in connection with the extinguishment of the Indian title preferred by half-breeds resident in the North-West Territories outside of the limits of the Province of Manitoba, previous to the 15th day of July, 1870. Presented to the House of Commons, 20th April, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*
- 116a.** Copy of commission appointing commissioners to make enumeration of half-breeds in the North-West Territories previous to the 15th July, 1870. Presented to the House of Commons, 22nd April, 1885, by Sir John A. Macdonald.....*Printed for Sessional Papers only.*
- 116b.** Certified copy of a Report of a Committee of the Honorable the Privy Council, approved by His Excellency the Governor General in Council on the 19th April, 1885, for instructions

given to the three commissioners appointed to proceed to the North-West to enquire into and adjudicate upon the claims of the half-breeds and others in the Saskatchewan settlement. Presented to the Senate, 20th April, 1885.—*Hon. Mr. Alexander*—

Not printed. See 116.

116c. Papers and correspondence in relation to claims for land in the Prince Albert district, North-West Territories. Presented to the House of Commons, 27th April, 1885.—*Mr. Blake.*
Not printed.

116d. Return to an Order of the House of Commons, dated 7th March, 1883, for copies of all correspondence and memorials relating to the claims of the inhabitants of Prince Albert and the neighboring districts, in the North-West Territories, in respect of the lands they occupy, and to other matters affecting their condition. Presented to the House of Commons, 5th May, 1885.—*Mr. Blake*.....*Not printed.*

116e. Papers and correspondence in connection with half-breed claims and other matters relating to the North-West Territories. Presented to the House of Commons, 11th June, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*

116f. Papers and correspondence in connection with half-breed claims and other matters relating to the North-West Territories. Presented to the House of Commons, 22nd June, 1885.—*Mr. Blake*.....*Printed for Sessional Papers only.*

116g. Papers and correspondence in connection with half-breed claims and other matters relating to the North-West Territories. Presented to the House of Commons, 30th June, 1885.—*Mr. Blake*.....*Not printed.*

116h. Copy of the Official Report from Major-General Middleton, C.B., commanding the North-West field forces, concerning the engagements at Fish Creek on the 24th April, 1885; Pound-maker's Camp (near Crees' Reserve), 2nd May, 1885; and Batoche, 9th, 10th, 11th and 12th May, 1885. Presented to the House of Commons, 6th July, 1885, by Hon. J. P. R. A. Caron—
Printed for Distribution only.

116i. Plan and Views of Engagement at Fish Creek on the 24th April, 1885. Presented to the House of Commons, 16th July, 1885, by Hon. J. P. R. A. Caron.....*Not printed.*

117. Return to an Order of the House of Commons, dated 12th March, 1885, for copies of all reports, correspondence, petitions, &c., in reference to the seizure of the schooner "Lion," of the Port of Barrington, in Nova Scotia, in December, 1883. Presented to the House of Commons, 31st March, 1885.—*Mr. Robertson (Shelburne)*.....*Not printed.*

118. Return to an Order of the House of Commons, dated 12th March, 1885, for all correspondence with reference to the making of a road on the Indian Reserve at Fort William, Ontario, and the expenditure thereon of funds belonging to the Indians, and particularly with reference to the payments to be made to the licensees, for stumpage or otherwise, for the timber required in the construction of the bridges on the road. Presented to the House of Commons, 7th April, 1885.—*Mr. Blake*.....*Not printed.*

118a. Return to an Address of the House of Commons, dated 27th April 1885, for copies of all correspondence and Orders in Council in any way bearing upon the subject of purchase or offers of purchase of Indian reserve lands in British Columbia, of a date subsequent to 1st June, 1882. Presented to the House of Commons, 30th June, 1885.—*Mr. Baker (Victoria)*—
Not printed.

119. Return to an Order of the House of Commons, dated 23rd March, 1885, for a Return showing, if any, and, if so, what sum or sums of money have been paid to J. E. Collins for services rendered to the Government; also showing travelling and other expenses paid him, if any; and showing in what position or capacity he is employed. Presented to the House of Commons, 8th April, 1885.—*Mr. McMulven*.....*Not printed.*

120. Return to an Order of the House of Commons, dated 23rd March, 1885, for copy of the record in the matter of Eugene Gosselin, of St. Charles de Bellechasse, *versus* the Queen, as it stands

in the office of the Supreme Court of Canada, including the proceedings before the Exchequer Court and before Dominion Arbitrators. Presented to the House of Commons, 8th April, 1885.
—*Mr. Amyot*.....*Not printed.*

121. Return to an Address of the House of Commons, dated 12th March, 1885, for copies of petitions or correspondence in reference to making Ridgetown a port of entry. Presented to the House of Commons, 21st April, 1885.—*Mr. Casey*.....*Not printed.*

122. Return to an Order of the House of Commons, dated 23rd March, 1885, for a Return of all sums (apart from his salary as county judge) which have been paid to G. M. K. Clarke in each of the years 1879, 1880, 1881, 1882, 1883 and 1884, respectively, and for what services in each year; also what sums, if any, have been paid him from the 1st January, 1884, to this date. Presented to the House of Commons, 13th April, 1885.—*Sir Richard Cartwright*—
Not printed.

123. Return to an Address of the House of Commons, dated 23rd March, 1885, for copies of all correspondence having reference to the appointment of a joint commission with the United States Government for surveying the boundary line between the Province of British Columbia and the United States Territory of Alaska. Presented to the House of Commons, 13th April, 1885.—*Mr. Gordon*.....*Not printed.*

123a. Return to an Address of the House of Commons, dated 12th March, 1885, for copies of all correspondence with the Government of British Columbia and Imperial Government, in relation to the eastern boundary of that province. Presented to the House of Commons, 5th May, 1885.—*Mr. Mills*.....*Not printed.*

123b. Return to an Address of the House of Commons, for copies of all Orders in Council, Imperial, Canadian or provincial, in the hands of the Government, and not already laid before Parliament, relating to the disputed boundaries of Ontario. Also all despatches and correspondence with any of the provinces and with the Imperial Government upon the same subject. Presented to the House of Commons, 23rd June, 1885.—*Mr. Mills*—
Printed for Sessional Papers only.

124. Return to an Order of the House of Commons, dated 4th February, 1885, for all Customs collections in Algoma during the six months ending 31st December, 1884, showing the amount collected at Port Arthur and its outports, and at Sault Ste. Marie and its outports, respectively; also the amount collected at Spanish River and such other stations in Algoma as report to Collingwood. Presented to the House of Commons, 13th April, 1885.—*Mr. Dawson*.....*Not printed.*

125. Return to an Order of the House of Commons, dated 17th February, 1885, for all correspondence from 1st January, 1884, to 1st January, 1885, between W. H. Rogers, inspector of fisheries for Nova Scotia, also Mr. Sellon, overseer of river fisheries for Liverpool, Queen's county, Nova Scotia, also between John Millard, J. Newton Freeman, S. J. R. Bill and others, and the Government or Department of Marine and Fisheries, in reference to a breach of the "Sawdust Law," by putting mill rubbish and shingle shavings into the Mersey River; showing also what fines have been imposed and how many collected; if not collected, whether remitted. Presented to the House of Commons, 16th April, 1885.—*Mr. Forbes*.....*Not printed.*

125a. Return to an Order of the House of Commons, dated 1st April, 1885, for copies of all correspondence and reports from W. H. Rogers, inspector of fisheries for Nova Scotia, to the Department of Marine and Fisheries, relating to the adoption of Rogers' patented fish ladder, and the places at which the said inspector recommends that it should be placed; also any instructions from the Department concerning the same. Also a statement of moneys claimed or paid, as a royalty or otherwise, on account of patent fishway, stating by whom and to whom such moneys were paid, together with an account of any other moneys paid by the Department, and to whom, towards the construction of Rogers' fish ladder, the Return to cover the years 1880, 1881, 1882, 1883 and 1884. Presented to the House of Commons, 30th June, 1885.—*Mr. Robertson (Shelburne)*.....*Not printed.*

126. Return to an Order of the House of Commons, dated 9th February, 1885, for the names of all Government officials in the North-West Territories, the date of their appointment, and the

date upon which they entered upon their respective duties; the salary, fee or other allowance granted to each, including travelling or other expenses; the names and respective locations of sheriffs and registrars, the date of their respective appointments, and the date upon which they entered upon their duties, and the date from which their salary commenced to run; the receipts of their respective offices, monthly or annually, from their establishment up to the 1st of January, 1885. Presented to the House of Commons, 16th April, 1885.—*Mr. McMullen*.....*Not printed*

- 127.** Return (*in part*) to an Order of the House of Commons, dated 2nd March, 1885, for copies of all advertisements for tenders, of all specifications, and of all tenders received for fog horns and letter box fronts, from 1st January, 1884, to 31st January, 1885; also of all correspondence, contracts, accounts, receipts and documents relating to the furnishing of such fog horns and letter box fronts. Presented to the House of Commons, 16th April, 1885.—*Mr. Laurier*—
Printed for Distribution only

- 127a.** Supplementary Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of all advertisements for tenders, of all specifications, and of all tenders received for fog horns and letter box fronts, from 1st January, 1884, to 31st January, 1885; also of all correspondence, contracts, accounts, receipts and documents relating to the furnishing of such fog horns and letter box fronts. Presented to the House of Commons, 22nd April, 1885.—*Mr. Laurier*.....*Not printed*

- 127b.** Return to an Order of the House of Commons, dated 2nd March, 1885, for copies of all correspondence between the Government and one Captain Conally, or any other person, in regard to placing a fog horn or fog whistle on what is called the Dummy Lighthouse, near the head of Lake Erie. Presented to the House of Commons, 5th May, 1885.—*Mr. Jackson*—
Not printed

- 127,** 1880. Return to an Address of the House of Commons, dated 23rd February, 1880, for a copy of any Order or Orders in Council approving of the treaties made with the Indian tribes at Forts Carlton and Pitt in the year 1876, and of all despatches from the Minister of the Interior or his Deputy to the Commissioners, or any of them, communicating the same to them, and having reference to the terms embodied in such treaties, together with the replies of the said Commissioners, or any of them, to such despatches. Presented to the House of Commons, 5th April, 1880.—*Mr. White (Cardwell)*.....*Printed for Distribution only*

- 128.** Return to an Order of the House of Commons, dated 17th January, 1885, for copies of all correspondence between the Government and the Captain of the Life Saving Service at Port Rowan, Province of Ontario, not already brought down. Presented to the House of Commons, 22nd April, 1885.—*Mr. Jackson*.....*Not printed*

- 128,** 1880. Return to an Address of the House of Commons, dated 23rd February, 1880, for copies of all despatches from the Lieutenant Governor of Manitoba, relating to the reserve promised under the provisions of Treaty No. 1, relating to the reserve stipulated thereby to be assigned to the band of Indians in Manitoba of whom Yellow Quill was Chief; and of all correspondence and despatches from the Secretary of State, the Minister of the Interior, or the Deputy Minister of the Interior, addressed to the said Lieutenant Governor in reply or in relation thereto; also correspondence between the Government of Canada and the Hudson Bay Company on the subject. Presented to the House of Commons, 5th April, 1880.—*Mr. White (Cardwell)*.....*Not printed*

- 129.** Return to an Order of the House of Commons, dated 3rd March, 1884, for a Return showing the names, rank, present positions occupied, length of service at sea, of each individual who has received a certificate of either competency or service under the Act passed last Session, making provision for the examination of masters and mates of coasters and inland waters, from the passage of said Act to the nearest possible date, for each and every province of the Dominion; as also a statement giving dates and names of applicants who have been refused certificates of service, or whose certificates have been for some reason withheld, and the reasons for such refusals or retentions. Presented to the House of Commons, 22nd April, 1885.—*Mr. Baker (Victoria)*.....*Not printed*

- 30.** Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all Orders in Council, despatches and correspondence between the Government of Canada and the United Kingdom, and between the Government of Canada and Her Majesty's Ambassador at Washington, not already brought down, relating to the subject of extradition and extradition arrangements. Presented to the House of Commons, 23rd April, 1885.—*Mr. Blake—Printed for Sessional Papers only.*
- 30a.** Return to an Address of the House of Commons, dated 9th February, 1885, for a statement with reference to the cases in which demands for extradition have been made by or upon the Government of Canada, or in which extradition proceedings have been taken in continuation of, and in the same form as, the statement transmitted by the Government of Canada to the Government of the United Kingdom, in or about the year 1876. Presented to the House of Commons, 5th May, 1885.—*Mr. Blake.....Printed for Sessional Papers only.*
- 31.** Return to an Address of the House of Commons, dated 20th February, 1885, for a copy of the Order in Council creating the Forestry Commission, and appointing Mr. J. H. Morgan as such commissioner; also a copy of the recommendation on which such Order in Council was based. Presented to the House of Commons, 23rd April, 1885.—*Mr. Rykert.....Not printed.*
- 31a.** Return to an Address of the House of Commons, dated 17th February, 1885, for a copy of Order in Council appointing J. H. Morgan as Forestry Commissioner; also copy of instructions accompanying the same; also date of report from the said J. H. Morgan which appears as part of the last report of the Minister of the Interior, and copies of any subsequent reports and the date on which the same were received by the Department; also statement of any payments made to the said J. H. Morgan subsequent to those appearing in the Public Accounts of 1884. Presented to the House of Commons, 26th May, 1885.—*Mr. Paterson (Brant)—Not printed.*
- 32.** Return to an Address of the Senate, dated 6th March, 1885, for a Return of all exports from ports on Hudson and James Bays, other than York Factory, of furs, fish, whale, seal or porpoise oil. Presented to the Senate, 20th April, 1885.—*Hon. Mr. Schultz.....Not printed.*
- 33.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return of all correspondence and petitions from mariners, vessel owners and others, not already brought down, relative to the selection of a route for the construction of the Murray Canal, or the character of the harbors afforded by Presqu'Isle and Weller's Bay respectively. Also all offers made by tenders or otherwise to construct said canal by any other than the adopted route, together with all reports as to progress of work of construction in possession of the Government. Presented to the House of Commons, 14th July, 1885.—*Mr. Cockburn.....Not printed.*
- 34.** Return to an Order of the House of Commons, dated 23rd March, 1885, for a Return of any orders or instructions of the Railway Department as to the sale of return tickets, limiting the periods in which such tickets can be used; also of any claims made by persons holding such tickets for damages for being ejected from the cars, and what amounts, if any, have been paid for such claims. Presented to the House of Commons, 5th May, 1885.—*Mr. Weldon—Not printed.*
- 35.** Return to an Order of the House of Commons, dated 12th February, 1885, for copies of all correspondence and petitions to the Postmaster General, or any member of the Government, with reference to the adoption in Canada of a system to encourage small savings, similar to that brought in by the late Mr. Fawcett in England. Presented to the House of Commons, 7th May, 1885.—*Mr. Blake.....Not printed.*
- 36.** Return to an Address presented by the Senate to His Excellency the Governor General, dated 17th March, 1885, praying His Excellency to cause to be laid before this House, copies of the reports of the various surveys made by engineers under the direction of the Government, for a line of railway connecting Montreal with the harbors of St. John and Halifax by the shortest and best practicable route (including the reports of Messrs. A. L. Light and Vernon Smith on the lines surveyed by them, respectively, running up the valley of the Etchemin River and from Canterbury, New Brunswick, to the northern end of Chesuncook Lake, in the

State of Maine); together with a statement showing the height of the summit level, the maximum grade per mile, the number of miles with a grade exceeding 42 feet, the average grade per mile, and the number and position of the curves with a less radius than 1,910 feet, upon each of such surveyed lines, as well as upon any existing railway proposed to be used in connection with any such surveyed lines; and also a detailed statement of the distances from Montreal to St. John and Halifax by each of such surveyed lines and the existing railways proposed to be used in connection therewith. Presented to the Senate, 5th May, 1885.—*Hon. Mr. Power*.....*Printed for both Distribution and Sessional Papers.*

136a. Return to an Address of the House of Commons, dated 3rd February, 1885, for copies of all Orders in Council, instructions given, reports of engineers, and all documents whatsoever, in relation to the selection of the shortest and best line for a railway between the present terminus of the Canadian Pacific Railway and one of the seaports of the Maritime Provinces. Presented to the House of Commons, 20th July, 1885.—*Mr. Landry (Montmagny)*.....*Not printed.*

137. Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all correspondence, Orders in Council, contracts, and other papers in connection with the projected railway between Oxford and New Glasgow, in Nova Scotia, or in relation to any of the companies or individuals negotiating for the construction of any part of the projected short line within the bounds of the Province of Nova Scotia, and particularly an instrument signed by Sir Charles Tupper, the Minister of Railways, about the 9th May, 1884, whereby he, as representing the Crown, entered into certain engagements with Norvin Green, president of the Montreal and European Short Line Company, or with that company; and of all Orders or arrangements cancelling the said agreement; and of the evidence as to the ability of the company on which said agreement was made; and of all Orders and authorities under which the Oxford Branch Railway was completed or money thereon expended out of the Intercolonial appropriation; and of all agreements in connection with such expenditure, and of all statements, representations and letters made by or on behalf of contractors, companies, railway companies, construction companies, laborers, merchants or others, who have been concerned in the work, and of all reports made to any department or to Council upon any of the above subjects. Presented to the House of Commons, 8th May, 1885.—*Mr. Blake*—

Printed for Sessional Papers only.

137a. Supplementary Return to an Address of the House of Commons, dated 17th February, 1885, for copies of all correspondence, Orders in Council, contracts and other papers in connection with the projected railway between Oxford and New Glasgow, in Nova Scotia, or in relation to any of the companies or individuals negotiating for the construction of any part of the projected Short Line within the bounds of the Province of Nova Scotia; and particularly an instrument signed by Sir Charles Tupper, then Minister of Railways, about 9th May, 1884, whereby he, as representing the Crown, entered into certain engagements with Norvin Green, president of the Montreal and European Short Line Company, or with that company; and of all Orders or arrangements cancelling the said agreement, and of the evidence as to the ability of the company on which said agreement was made; and of all Orders and authorities under which the Oxford Branch Railway was completed, or money thereon expended out of the Intercolonial appropriation, and of all agreements in connection with such expenditure; and of all statements, representations and letters made by or on behalf of contractors, companies, railway companies, construction companies, laborers, merchants or others, who have been concerned in the work; and of all reports made to any department or to Council upon any of the above subjects. Presented to the House of Commons, 14th July, 1885.—*Mr. Mills*—

Not printed.

137b. Return to an Address of the House of Commons, dated 11th February, 1885, for copies of all reports made by engineers employed by the Great American and European Short Line Railway Company in Nova Scotia and Cape Breton, with the plans, papers and correspondence connected therewith; also for copies of all correspondence with the Dominion Government and the Government of Nova Scotia on the same subject; also copies of all contracts by and between the said company and other persons; also a statement of all moneys paid out and expended on contracts for salaries, wages and labor; showing also the amounts, if any, still due and owing by the said company to their contractors, agents or workmen; and also a statement of the

number of miles completed and graded in each of the counties of Cumberland, Colchester and Pictou. Presented to the House of Commons, 14th July, 1885.—*Mr. Paint*.....*Not printed.*

- 138.** Return to an Order of the House of Commons, dated 23rd March, 1885, for copies of all reports, correspondence, and surveys, if any, in the Department of Public Works, as to the improvement of the North Saskatchewan River, for the purpose of navigation. Presented to the House of Commons, 28th May, 1885.—*Mr. McCallum*—

Printed for both Distribution and Sessional Papers.

- 139.** Return to an Address of the House of Commons, dated 27th April, 1885, for all letters and correspondence had between the Dominion Government or any of its members and the Local Government of New Brunswick or any of its members, on the subject of the building of a foot and carriage bridge on the St. John River, at or near Fredericton. Presented to the House of Commons, 11th May, 1885.—*Mr. Landry (Kent)*.....*Printed for Distribution only.*

- 139a.** Supplementary Return to an Address of the House of Commons, dated 27th April, 1885, for all letters and correspondence had between the Dominion Government or any of its members and the Local Government of New Brunswick, or any of its members, on the subject of the building of a foot and carriage bridge on the St. John River, at or near Fredericton. Presented to the House of Commons, 9th June, 1885.—*Mr. Landry (Kent)*..*Printed for Distribution only.*

- 140.** Reports of Messrs. Perley and Guerin as to works respecting which application has been made on the River Ottawa and Lake Temiscaming; together with the memorandum of the Reverend Father Paradis, O.M.I. Presented to the House of Commons, 11th May, 1885, by Sir Hector Langevin.....*Printed for Distribution only.*

- 141.** Return to an Order of the House of Commons, dated 28th March, 1884, showing the total cost of old and new works, with expenditure for repairs and maintenance in each year since Confederation: 1. For cost of Welland Canal. 2. For new works, repairs, and all incidental expenses connected therewith. 3. For maintenance. 4. For revenue derived therefrom. 5. For return similar to that contained in 1, 2, 3 and 4, connected with the St. Lawrence Canals. 6. For estimated cost for deepening and completing the St. Lawrence Canals to a depth of twelve and fourteen feet, separately. Presented to the House of Commons, 16th May, 1885.—*Mr. McCraney*.....*Not printed.*

- 142.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return of instructions to the health officers of the ports in the Province of New Brunswick, and quarantine regulations issued by the Department of Marine and Fisheries or the Department of Agriculture relating to these ports. Presented to the House of Commons, 16th May, 1885.—*Mr. Weldon*.....*Not printed.*

- 143.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return showing the actual cost of laying the telegraph cable from Clover Point, Victoria, British Columbia, across the Straits of Juan de Fuca to a point at or near Dungeness, W.T.; said return to give the names of persons to whom sums have been paid; the nature and extent of services rendered, entitling them to such payments; the cost of the cable, time occupied in laying said cable, and its length. Presented to the House of Commons, 18th May, 1885.—*Mr. Baker (Victoria)*.....*Not printed.*

- 144.** Return to an Address of the House of Commons, dated 9th March, 1885, for: 1. Copies of all demands and claims made by the town of Emerson on the Government for financial or other aid, and all correspondence respecting the same. 2. Copies of all Orders in Council or departmental orders respecting such demands or claim, and the action or decision of the Government thereon. Presented to the House of Commons, 18th May, 1885.—*Mr. Cameron (Huron)*.....*Not printed.*

- 145.** Return to an Order of the House of Commons, dated 17th February, 1885, for a statement showing the names of all persons employed by the Department of Public Works or other department of the Government as inspectors or clerks of works on any building or other public work since 1873-74 until 1883-84 inclusive, with statement showing the amount paid to

such persons for services as such officials, and the rate per month or per diem to each; also the gross amount expended by the Government in each year on such works under the inspection of each clerk of works; also a statement showing the actual profession or calling of each such clerk of works. Presented to the House of Commons, 26th May, 1885.—*Sir Richard Cartwright*—*Not printed.*

- 146.** Return to an Address of the House of Commons, dated 27th April, 1885, for all the correspondence, papers and report of the officers of Customs at the port of Halifax and any other port, in connection with the entry by A. & W. Mackinlay, as agents of Thomas Nelson & Son, of school books at an undervaluation. Presented to the House of Commons, 26th May, 1885.—*Mr. Rykert*.....*Not printed.*
- 146a.** Return to an Address of the House of Commons, dated 27th April, 1885, for all papers, correspondence and reports with reference to Nelson & Son's consignment of school books to the late firm of James Campbell & Sons, Toronto. Presented to the House of Commons, 26th May, 1885.—*Mr. Wallace (York)*.....*Not printed.*
- 146b.** Return to an Address of the House of Commons, dated 27th April, 1885, for all the correspondence, papers and report of the officer of Customs for the port of Toronto, in connection with the seizure of school books entered at an undervaluation by Thomas Nelson & Son, Edinburgh. Presented to the House of Commons, 26th May, 1885.—*Mr. Rykert*.....*Not printed.*
- 146c.** Supplementary Return to an Address of the House of Commons, dated 27th April, 1885, for a Return of all papers, correspondence and reports with reference to Nelson & Son's consignments of school books to the late firm of James Campbell & Sons, Toronto. Presented to the House of Commons, 26th June, 1885.—*Mr. Wallace (York)*.....*Not printed.*
- 146d.** Supplementary Return to an Address of the House of Commons, dated 27th April, 1885, for a Return of all the correspondence, papers and report of the officer of Customs at the port of Halifax, and any other port, in connection with the entry by A. & W. Mackinlay, as agents of Thos. Nelson & Son, of school books at an undervaluation. Presented to the House of Commons, 26th June, 1885.—*Mr. Rykert*.....*Not printed.*
- 146e.** Supplementary Return to an Address of the House of Commons, dated 27th April, 1885, for a Return of all the correspondence, papers and report of the officer of Customs at the port of Toronto, in connection with the seizure of school books entered at an undervaluation by Thos. Nelson & Son, of Edinburgh. Presented to the House of Commons, 26th June, 1885.—*Mr. Rykert*.....*Not printed.*
- 147.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return showing :
1. The detailed amounts actually due to the Supervisor of Cullers at Quebec for culling and measuring. 2. The names of all parties indebted, and the date of incurring of each liability. Presented to the House of Commons, 28th May, 1885.—*Mr. De St. Georges*.....*Not printed.*
- 148.** Return to an Address of the House of Commons, dated 12th March, 1885, for copies of all Orders in Council, agreements and correspondence in the possession of the Government since 1872, respecting the Windsor Branch Railway; also copies of pleadings and verdicts in the various suits at law respecting the same branch. Presented to the House of Commons, 9th June, 1885.—*Mr. Kinney*.....*Not printed.*
- 149.** Return to an Order of the House of Commons, dated 9th March, 1885, for all correspondence between the Auditor-General and the Department of Marine and Fisheries, relating to an Order of this House made on the 28th March last, for a return showing all sums received by the Department of Marine and Fisheries on account of rental of rivers and streams, &c.; or in any way relating to any irregularity or inaccuracy connected with matters of the said Department. Presented to the House of Commons, 28th May, 1885.—*Mr. McMullen*—*Not printed.*
- 150.** Return to an Address of the House of Commons, dated 8th April, 1885, for all papers concerning the appointment, instruction and salary of Mr. Hector Fabre, as Canadian agent at Paris, France, and the reports from that gentleman to the Government since his appointment. Presented to the House of Commons, 2nd June, 1885.—*Mr. Bergeron*—

Printed for Distribution only.

- 151.** Return to an Address of the House of Commons, dated 12th March, 1885, for copies of all correspondence which has taken place between the Dominion Government and the Local Government of New Brunswick, with reference to the Northern and Western Railway, since May, 1884, up to February, 1885. Presented to the House of Commons, 11th June, 1885.—*Mr. Temple*.....*Not printed.*
- 152.** Return to an Address of the Senate, dated 20th April, 1885, for copies of all memorials, letters or telegrams addressed to the Railway Department, respecting the establishment of the York station on the Prince Edward Island Railway, and the answers thereto; also copies of any memorials, letters or telegrams, which may have been received by that Department, having reference to the abolition of the said station, and the replies, if any, made thereto. Presented to the Senate, 16th June, 1885.—*Hon. Mr. Haythorne*.....*Not printed.*
- 153.** Return to an Order of the House of Commons, dated 11th March, 1885, for a Return showing the amount of money paid for injuries to parties in the Mounted Police since 1878, specifying the names of the parties injured, the nature of the injuries, the amount of money paid, and to whom paid. Presented to the House of Commons, 7th April, 1885.—*Mr. Somerville (Brant)*—*Not printed.*
- 153a.** Annual Report of the Commissioner of the North-West Mounted Police Force for the year 1884. Presented to the House of Commons, 23rd June, 1885.—*Sir John A. Macdonald*—*Printed for both Distribution and Sessional Papers.*
- 154.** Return (*in two parts*) to an Order of the House of Commons, dated 12th March, 1885, for a return showing:—1. Total number of depositors in the Savings Banks, Post Office, or other banks holding deposits of \$1,000 or upwards; also the amount so held. 2. Total number of depositors having deposits of less than \$1,000 and more than \$500 each; also the total amount so held. 3. Total number of said depositors holding less than \$500 each; also total amount so held. Presented to the House of Commons, 30th June, 1885.—*Sir Richard Cartwright and Mr. Fairbank*.....*Not printed.*
- 155.** Return to an Order of the House of Commons, dated 27th April, 1885, for copies of all correspondence and papers relative to the dismissal of George E. Cherrier from the Indian Agency in Caughnawaga; also of the reports of the investigation into the affairs of the agency held by Mr. de Boucherville in 1883, and by A. Dingman in 1884, with copies of all instructions at any time given by the Department to Mr. Cherrier. Presented to the House of Commons, 30th June, 1885.—*Mr. Bain (Wentworth)*.....*Not printed.*
- 156.** Return to an Order of the House of Commons, dated 12th March, 1885, for a Return of all hardware purchased at Halifax by the Department of Marine and Fisheries, from 1st July, 1878, to 31st December, 1884; the names of the firms who furnished the supplies, amount supplied by each firm in each year; the names of the firms who supplied stoves, galvanized and tinware, in each year from 1st October, 1878, to 31st December, 1884, showing if by tender, whose tender was accepted, and if tenders asked for each year. Presented to the House of Commons, 30th June, 1885.—*Mr. Forbes*.....*Not printed.*
- 157.** Return to an Order of the House of Commons, dated 11th March, 1885, for a Return showing the number of days W. Ingles Bradley, a clerk in the Department of Railways, has been registered on the Departmental Attendance Book since 1st July, 1884; also showing the number of days' attendance for which he has received payment, and the total amount paid, together with the name of the departmental officer certifying the account. Presented to the House of Commons, 14th July, 1885.—*Mr. Somerville (Brant)*.....*Not printed.*
- 158.** Return to an Order of the House of Commons, dated 27th April, 1885, for copies of all correspondence of a recent date between the Superintendent General of Indian Affairs and the agent of the Department in British Columbia, or any other person, upon the subject of establishing Indian schools in said province. Presented to the House of Commons, 14th July, 1885.—*Mr. Baker (Victoria)*.....*Printed for Sessional Papers only.*

- 158a.** Return to an Order of the House of Commons, dated 27th April, 1885, for a Return showing:
1. How many industrial schools for the instruction of Indian half-breed youth have been established in the Province of Manitoba and the North-West Territories respectively, under the authority and by permission of the Government of Canada, and where they are located.
 2. At what places lands have been surveyed and set apart for Indian half-breed schools in 1884, and what quantity at each place.
 3. Through whose representations and recommendations these half-breed schools are established from time to time, and whether any request from the Indian half-breeds themselves is required for the establishment of a school.
 4. What subjects of instruction are provided for these schools in regard to industrial pursuits, moral and religious, and are both sexes included in the general school provisions.
 5. Whether any of the Indian half-breed schools are placed under the care or supervision of any religious body or denomination; if so, what are the conditions upon which such control is granted, and what is the extent of the denominational control, and is it, to the extent granted, a temporary or permanent control; if there are denominational schools, what is the number belonging to each denomination, where they are located, and what quantity of land is owned or controlled by each, and what is the number of pupils.
 6. Whether, when the moral and religious instruction of an Indian half-breed school is placed under the supervision or control of any denomination, it gives to the denomination control of the land and buildings of such school.
 7. At whose cost the Indian half-breed school buildings are erected and furnished, and under whose directions the text books are selected or compiled, and by whom they are paid for.
 8. What standing of attainment is required of teachers in these schools; how and from whom they receive certificates of qualification, and whether there is a system of Governmental inspection of these Indian half-breed schools.
 9. Whether the teachers and trustees or managers of these schools are required to make any periodical returns to the Government of the attendance, general condition, progress and expenditure of each.
 10. Whether any of the religious denominations have obtained lands for church or school purposes from the Government or from any Indian reservation by treaty or otherwise.
 11. Whether any of the religious bodies, on their own responsibility, have established schools among the Indians or half-breeds, and if they have, whether they receive any assistance directly or indirectly by land grants, or otherwise for the support of such schools from the Government.
- Presented to the House of Commons, 18th July, 1885.—*Mr. Kirk* *Not printed.*
- 159.** Return to an Address of the House of Commons, dated 12th February, 1885, for copies of all correspondence, petitions and Orders in Council, relating to any applications by or on behalf of any railway company elsewhere than in Manitoba or the North-West, for aid or additional aid. Presented to the House of Commons, 14th July, 1885.—*Mr. Blake*..... *Not printed.*
- 160.** Return to an Address of the House of Commons, dated 2nd March, 1885, for:
1. Copies of all correspondence between the Government and the North-West Council respecting the representation of the Territories in this Parliament.
 2. Copies of all petitions, representations and correspondence addressed to the Government, or any member of it, on the same subject, and any replies thereto.
 3. Copies of all petitions, representations and correspondence with the Government, or any member of it, on the subject of the establishment of Local Governments in the Territories, and of all replies thereto.
- Presented to the House of Commons, 15th July, 1885.—*Mr. Cameron (Huron)*..... *Not printed.*
- 161.** Return to an Address of the House of Commons, dated 23rd March, 1885, for a Return of all correspondence, papers and documents which have passed between the Imperial Government and the Dominion Government or the Dominion Government and the Government of British Columbia, relative to the public reserves of British Columbia and to the claim of the Crown to the land between high and low water mark, and generally all information as to "fore shore" rights of the Dominion. Presented to the House of Commons, 15th July, 1885.—*Mr. Baker (Victoria)*..... *Printed for Sessional Papers only.*

SEVENTEENTH
ANNUAL REPORT
OF THE
DEPARTMENT
OF
MARINE AND FISHERIES
BEING FOR THE
FISCAL YEAR ENDED 30TH JUNE,
1884.

Printed by Order of Parliament.



OTTAWA:
PRINTED BY MACLEAN, ROGER, & CO., WELLINGTON STREET.
1885.

To His Excellency the Most Honourable Sir Henry Charles Keith Petty-Fitzmaurice, Marquess of Lansdowne, in the County of Somerset, Earl of Wycombe, of Chipping Wycombe, in the County of Bucks, Viscount Caln and Calnstone, in the County of Wilts, and Lord Wycombe, Baron of Chipping Wycombe, in the County of Bucks, in the Peerage of Great Britain; Earl of Kerry and Earl of Shelburne, Viscount Clanmaurice and Fitzmaurice, Baron of Kerry, Lixnaw and Dunkerron, in the Peerage of Ireland; Knight Grand Cross of the Most Distinguished Order of Saint Michael and Saint George; Governor General of Canada, and Vice Admiral of the same, &c., &c., &c.

MAY IT PLEASE YOUR EXCELLENCY:

I have the honour to submit herewith, for the information of Your Excellency and the Legislature of Canada, the Seventeenth Annual Report of the Department of Marine and Fisheries, and the financial statements connected therewith, being for the fiscal year ended 30th June, 1884.

I have the honour to be,

Your Excellency's most obedient servant,

A. W. McLELAN,

Minister of Marine and Fisheries.

DEPARTMENT OF MARINE AND FISHERIES,

OTTAWA, 1st January, 1885.

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REPORT

OF THE

DEPUTY MINISTER.

To the Honourable

ARCHIBALD WOODBURY McLELAN,
Minister of Marine and Fisheries.

SIR,—I have the honor to report on the transactions of this Department for the fiscal year ended the 30th June last, and to give an account of a considerable portion of the business up to 31st December, 1884. One supplement will be issued with this Report, comprising the reports of the Chairmen of the Boards of Steamboat Inspection, and Examiners of Masters and Mates, the reports of the Toronto, Montreal, Quebec and Pictou Harbour Commissioners, the Pilotage Authorities, the Harbour Masters, the Shipping Masters, the Port Wardens and the Harbour Police of Montreal and Quebec, together with statements of wrecks and casualties, and list of rewards for saving life.

The total amount expended on the various branches of the Public Service administered by this Department, including the salaries of the establishment staff, during the fiscal year ended 30th June last, was \$1,257,728.58, while the total amount voted was \$1,274,709.56, which last named amount includes the Departmental salaries.

The whole number of persons engaged in the Outside Service of the Department at the close of the calendar year was 1,363.

The Lighthouse Service of the Dominion is divided as follows, viz:—The Ontario Division, embracing lights above Montreal; the Quebec Division, extending below Montreal and including the River and Gulf of St. Lawrence; the Nova Scotia Division; the New Brunswick Division; the Prince Edward Island Division and the British Columbia Division. The total number of light stations in the Dominion on the 31st December last was 507, and of lights shown, 597; the number of steam fog-whistles and automatic fog-horns 33, and the number of light-keepers, engineers of fog-whistles and other assistants, with crews of lightships, was 652.

The following is the number of light stations, the number of lights shown, of fog-whistles and of automatic fog-horns in the several Provinces in the Dominion at 31st December of each year, from 1868 to 1884, inclusive. In these numbers are 3 light stations on the coast of Newfoundland, maintained by the Dominion.

		Light Stations.	Light- houses.	Fog- Whistles.	Automatic Fog-horns.
31st December, 1868.....		198	227	2	.....
do 1869.....		219	233	2	.....
do 1870.....		240	278	4	.....
do 1871.....		264	297	8	.....
do 1872.....		280	314	13	.....
do 1873.....		316	363	17	.....
do 1874.....		342	384	18	.....
do 1875.....		377	444	22	.....
do 1876.....		407	488	24	.....
do 1877.....		416	509	25	2
do 1878.....		427	518	25	4
do 1879.....		443	542	23	6
do 1880.....		452	551	22	7
do 1881.....		462	553	23	9
do 1882.....		470	562	23	9
do 1883.....		484	578	23	9
do 1884.....		507	597	23	10

ONTARIO LIGHTHOUSE DIVISION.

This division includes the lighthouses and lightships in that part of the Province of Quebec lying between Montreal and the boundary line between the Provinces of Ontario and Quebec, as also all the lights and lightships in the Province of Ontario, embracing the lights on the Ottawa River, the St. Lawrence River above Montreal, the Thames River and Lakes Ontario, Simcoe, Erie and Huron, the Georgian Bay and Lake Superior.

The number of lights in the Ontario Division, inclusive of two in Manitoba, was 165. This number comprises lighthouses and light-beacons, lightships maintained by the Dominion, and one lightship maintained under contract by the Dominion. There are 216 buoys and 18 beacons.

The number of light-keepers in this division, paid directly by the Government, was 130, but in several cases assistants were employed by keepers, and paid by them out of the allowance made by the Government for that purpose.

The lights in this division, with the exception of those on the Ottawa River, were inspected during the months of July and August by Mr. Patrick Harty, the Superintendent of Lights, and supplied with the necessary stores, the steamer "Celtic"

being chartered for the purpose, for the sum of \$2,750. From the report received, it appears that the lighthouses are, on the whole, well attended to and their general condition satisfactory.

The following new lights have been established during the past season:—

A beacon light in Collingwood Harbour, on the Georgian Bay. The light is a fixed red dioptric, elevated 23 feet above water, and visible from all points of approach. The structure consists of a small pier, surmounted by a shed, painted white, and a mast on which the lantern is hoisted. It stands on the starboard side of the curved dredged channel, at its most south-westerly point, the light being intended to show the dredged channel, and to show only within the limits of the harbour. The sum of \$1,431.80 was expended in the construction of this light, as will be seen by reference to the accounts of the past year.

A lighthouse upon the extreme north-easterly point of Hope Island, in the Georgian Bay. A revolving white light is shown, attaining its greatest brilliancy every minute. It is elevated 54 feet above water mark, and should be visible 12 miles from all points of approach, except where interrupted by the trees on the island. The illuminating apparatus is catoptric. The building is of wood, painted white, and consists of a square tower 57 feet high from the ground to the vane on the lantern, with keeper's dwelling attached. The sum of \$1,864.08 was expended on this lighthouse, as will be seen by reference to the accounts of the past fiscal year, and further expenditure will be shown in the accounts of the current fiscal year.

A lighthouse on Mississauga Island, North Channel of Lake Huron. The light is situated on the south end of the island, is revolving white, attaining its greatest brilliancy every 45 seconds. It is elevated 53 feet above water mark, and should be visible 12 miles all around the horizon, except where interrupted by trees on northerly bearings. The illuminating apparatus is catoptric in character.

The building is of wood, painted white, and consists of a square tower, 50 feet high from the ground to the vane on the lantern, with keeper's dwelling attached. As will be seen by reference to the accounts, the sum of \$4,394.20 was expended on this light during the past fiscal year.

A lighthouse on Gravenhurst Narrows, Lake Simcoe. This, a small beacon, is situated on the south-east point of Denison's Island, at the northern entrance of Gravenhurst Narrows. It is a fixed white dioptric light, shown from a lantern hoisted on a mast 25 feet high, and is elevated 23 feet above water mark, and should be visible 10 miles from all points of approach. The sum of \$524.22 was expended on this light during the past fiscal year, as will be seen by reference to the accounts.

During the past season a contract was entered into with Mr. John Waddell, of Kingston, for the construction of lighthouses in the District of Algoma, at the following points, viz.: the North Sister Rock, the head of Wilson's Channel, and Shoal Point, west of Richard's Dock, all in the north channel of St. Mary's River;

and also for a lighthouse in the village of Manitowaning, and one at the extremity of Cape Robert, both on the Great Manitoulin Island. Considerable progress has been made with these works, and it is expected that the lighthouses will be completed and the lights shown on the opening of navigation next season. The contract price for these lighthouses, together with a dwelling for the light-keeper at North Sister Rock, and a wooden crib with beacon in Wilson's Channel, is \$9,023.

Reference was made in the report of last year to the suspension of the work of constructing the new pier and lighthouse at Colchester Reef, Lake Erie, owing to the destruction by storm of the iron caisson. The contractor, Mr. George Wilson, having abandoned the work, a contract was entered into with Mr. John E. Askwith, of New Edinburgh, for \$17,465, who has commenced operations, and expects to complete the work next season. A contract was entered into with Mr. F. B. Hackett, of Amherstburgh, to maintain a lightship on the reef during the season of navigation, for the sum of \$1,800. At the close of the season this lightship unfortunately filled and rolled over on being towed to winter quarters on the 26th November, and had to be abandoned. She has since been recovered.

During the past season tenders were invited for the construction of an engine house for a fog-horn on the Isle of Coves, Georgian Bay, and the contract was awarded to Mr. Henry Harmer, of Southampton, at \$850. One of the improved Neptune fog-horns will be placed at this station early next season. The horn was supplied by the Neptune Fog-Horn Company, of Quebec, at a cost of \$2,118.

A fog horn of similar description will also be placed next season at Gibraltar Point light station near Toronto. The contract for the necessary building has been awarded to Mr. Henry Harmer, at \$1,100.

Tenders were also invited last season for the erection of a lighthouse at Lyal Island, in the County of Bruce, Lake Huron, and the contract awarded to Messrs. John George and David Currie, of Port Elgin, at \$3,575. Considerable progress has been made with the erection of this lighthouse, and it is expected that the light will be shown early next season.

A contract was also entered into with the Rathbun Company, of Deseronto, for the erection of a lighthouse at that place, for the sum of \$437.49, and the lighthouse has been completed and the light will be shown on the opening of navigation next season.

Tenders have been invited for the erection of a lighthouse at Tobermory Harbour, in the north riding of Bruce, to replace the old building, from which a temporary light has been shown for some years past. Tobermory Harbour has been pronounced one of the best in the Georgian Bay, and it is important that a good light should be established.

Appropriations were made by Parliament at its last Session for the erection of lighthouses at Caribou Island, Lake Superior; Rainy River entrance, Lake of the

Woods; Victoria Island, Lake Superior, and the Upper Ottawa in the County of Pontiac; and tenders will be invited for these works as soon as the necessary plans and specifications have been prepared.

During the past season it was found necessary to renew the shed of the pole light at Cobourg, which had been washed away in a storm.

A new lantern was supplied during the past summer to the light at Point Peter, Lake Ontario, and a new revolving apparatus will shortly be sent to this station.

The new lighthouse on Swampy Island, off the mouth of Beren's River, Lake Winnipeg, to which reference was made in the report of last year, was put in operation on the 12th June last. The light is fixed white, elevated 34 feet above water, and should be visible 11 miles from all points of approach. The illuminating apparatus is dioptric of the sixth order. The building is of wood, painted white, and consists of a square tower 33 feet high, with dwelling attached. The sum of \$435.49 was expended on this lighthouse up to 30th June last, and further expenditure will be shown in the accounts of the present fiscal year.

The following changes have occurred in the list of keepers in this division, since the date of last report, viz. :—

By Order in Council of the 7th January last, Mr. Henry Darke was appointed keeper of the light at Muskoka or Fox Island, at a salary of \$250 per annum, in the room of Jeremiah Cole Darke, left the locality.

By Order in Council of the 15th February last, Mr. Richard Davis was appointed keeper of the lighthouse at Pigeon Island, at a salary of \$300 per annum, in the room of James Wm. Davis.

By Order in Council of the 9th April last, Mr. Robert Philip Boyd was appointed keeper of the lighthouse at Cole Shoal, at a salary of \$250 per annum, in the room of Erastus John Rowsome, resigned.

By Order in Council of the 19th April last, Mr. Joseph Lamondin was appointed keeper of the lighthouse at Byng Inlet, Georgian Bay, at a salary of \$250 per annum, in the room of James Milne, resigned,

By Order in Council of the 19th April last, Mr. Henry Scott was appointed keeper of the lighthouse at the Narrows, Lake Muskoka, at a salary of \$100 per annum. Mr. Scott having declined the appointment, Mr. David Schell was placed in temporary charge.

By Order in Council of the 10th July last, Mr. Neil McDonald was appointed keeper of the light at Mississauga Island, at a salary of \$300 per annum.

By Order in Council of the 3rd October last, Mr. Benjamin Jones was appointed keeper of the lighthouse at Manitowaning, Algoma, at a salary of \$150 per annum.

By Order in Council of 12th October last, Mr. H. E. Plunkett was appointed keeper of the lighthouse at Swampy Island, Lake Winnipeg, Manitoba, at a salary of \$350 per annum.

By Order in Council of the 19th October, Mr. Charles Tizard was appointed keeper of the lighthouse at Hope Island, at a salary of \$450 per annum.

By Order in Council of the 19th October last, Mr. Henry Joseph Cartier was appointed keeper of the lighthouse at River Thames, at a salary of \$425 per annum, in the room of Thomas Cartier, deceased.

By Order in Council of the 27th October last, Mr. John McKay was appointed keeper of the lighthouse at Lyal Island, at a salary of \$450 per annum.

By Order in Council of the 24th November last, Mr. Arthur K. Nesbitt was appointed keeper of the lighthouse at Cape Robert, Algoma, at a salary of \$350 per annum.

By Order in Council of the 24th November last, Mr. Evan Rains was appointed keeper of the lighthouse at Shoal Point, Algoma, at a salary of \$250 per annum.

By Departmental Letter of the 23rd February last, Mr. Godfrey Ouellette was appointed temporarily keeper of the light at Buckom's Point, Deschênes Lake, at a salary of \$100 per annum.

The total cost of maintaining the lights, light vessels, fog-bells, buoys and beacons in the Ontario Division, including the Manitoba lights and lightship for the last fiscal year was \$70,788.27, and the expenditure for construction of lights during the same period was \$18,447.34.

QUEBEC LIGHTHOUSE DIVISION.

This division comprises the lighthouses and lightships below Montreal, on the River St. Lawrence, and on the Richelieu River and Lake Memphremagog, as well as all the lighthouses, lightships, steam fog-whistles, buoys and beacons in the River and Gulf of St. Lawrence below Quebec, the Straits of Belle Isle, and on the north-west coast of Newfoundland. This important division is under the charge of Mr. J. U. Gregory, Agent of this Department at Quebec, who has also under his superintendence several of the Dominion steamers, the Quebec River Police Force and the Fisheries Protection Service.

At the close of navigation there were in this division 148 fixed and revolving lights; 8 lightships, three of which are supplied with steam fog-whistles; 7 steam fog-whistles or horns, 10 fog-guns, 91 buoys, 59 beacons, and 9 life canoes for service amongst the ice.

The light service between Montreal and Quebec, and in the River St. Lawrence between Quebec and Point des Monts, was performed during the past season by the steamer "Druid," under the superintendence of Mr. William Barbour, Inspector of

Lights for this division; and from Point des Monts to the Straits of Belle Isle by the steamer "Napoleon III.," also under the supervision of Mr. Barbour. A number of the light stations were also visited by the agent.

The following is a synopsis of the principal repairs and improvements effected at the lighthouse stations in this division during the past season.

North of Half-way Point.

Repairs and alterations have been made at this station, the distance between the lights and the difference between the heights increased to make the range more efficient.

Ash and Bloody Islands.

At the former island a breakwater has been built as a protection to the light, and at the latter a new crib has been built to replace that destroyed by the ice. These works, together with those of North of Half-way Point, were carried out under contract by Mr. James Sheridan, of Montreal, for the sum of \$1,940.

Isle à la Bague.

A new tower and pier were constructed at this station.

Isle Ste. Thérèse.

The two upper range lights at this station were removed during the past season, under a contract entered into with Mr. John Black, of Hull, for the sum of \$3,150. The removing involved the building of two piers to receive the light buildings. The back tower has been moved 700 feet from its former position, and the light shown from it on the pier is now 54 feet above the ordinary summer level of the river. The front range light has been removed from Isle Ste. Thérèse, and is now located upon a low islet further up stream, known as Isle aux Vaches. It is now distant 5,000 feet from the back light. The new tower is a small hexagonal wooden building, and stands upon a timber work pier, showing a light at an elevation of 29 feet above water.

Isle de Grâce.

At this station a new foundation was made for lighthouse.

Isle à la Pierre.

Damages by the ice to the tower and oil shed were duly repaired

Grondines Range.

The large tower at this station was supplied with a new lantern.

L'Islet Richelieu.

Tower at this station painted and the top tinned.

Lotbinière.

A new foundation supplied to the tower at this station.

Belle Isle.

The upper tower of this station repaired and the lower tower painted.

Crane Island.

A contract has been entered into with Mr. Miville Deschênes, of Rivière Ouelle, to build a new lighthouse, and also a dwelling house, at this station. Contract price for both, \$1,795. Considerable progress has been made with the lighthouse, and it is expected that both buildings will be completed early next season.

Cape Bauld.

The light and fog-whistle at this station were put in operation on the 15th August last, and the tower and outbuildings completed in October last. The amount expended on this lighthouse and fog-whistle, up to 30th June last, was \$8,675.77.

Cape Norman.

The tower and dwelling sheathed and clapboarded, and a wharf built for the better landing of supplies.

Cape Ray

Tower at this station re-clapboarded and put in good order.

Kamouraska.

A boat slip built at this station and other necessary repairs effected.

Lower Traverse Lightship.

Considerable repairs to engine and boiler effected before placed at station on opening of navigation.

Matane.

Owing to the action of the sea on the bank, it was found necessary, for the safety of the tower, to remove it further inland.

Cape Chatte.

The tower at this station was also removed from the edge of the cliff for safety.

Point Rich.

Extensive repairs made at this station to the lighthouse, and the building re-clapboarded and painted.

South Point, Anticosti.

A breakwater has been erected at this station, to protect the lighthouse from the inroads of the sea.

South West Point, Anticosti.

The tower re-clapboarded, repaired and painted.

Grand River, Gaspé.

The new lighthouse at this station, to which reference was made in the report of last year, is in course of erection, and it is expected that it will be completed early next season. The contract is being carried out by Mr. J. O. Boucher, for \$950.

It was deemed advisable during the past season to mark the dangerous shoal in the Traverse, Lower St. Lawrence, with one of the Pintsch gas and bell-buoys, which have been in use for some time past, both in the United Kingdom and the United States, and also to place another of these buoys on the Pilgrim Shoal. These buoys were delivered under contract at Quebec by the Pintsch Patent Lighting Company of London, complete in every respect and charged with compressed oil gas for 90 days' burning, for £750 sterling each. The buoys were placed at their stations on the 27th September last, but it was found necessary to withdraw them on the 15th October, owing to defects in the gas pipe, caused by breakage. Gas works for the manufacture of gas for these buoys are in course of erection at Quebec. The whole of the machinery and apparatus for these works, with high pressure store holder, was supplied under contract by the Pintsch Lighting Company at a cost of £700 sterling.

The following changes have taken place in the keepership of the lights in this division since the date of my last report, viz. :—

By Order in Council of the 24th March last, Mr. Thomas D. Bond was appointed keeper of the lighthouse on Plateau Rock, at a salary of \$350, in the room of Benjamin Asselin, resigned.

By Order in Council of the 1st April, Mr. Louis Marceau was appointed keeper of the St. Francis lights, east end Island of Orleans, at a salary of \$75 per annum, in the room of Joseph Marceau, resigned.

By Order in Council of the 3rd April last, Mr. Louis Boisvert was appointed keeper of the upper range lights at Grondines, at a salary of \$100 per annum, in the room of Epiphane Trottier, deceased.

By Order in Council of the 19th October last, Mr. E. H. Rennie was appointed keeper and engineer of the lighthouse and fog-whistle at Cape Ray, Nfld., at a salary of \$800 per annum, in the room of Robert Rennie, superannuated.

The total amount expended for the maintenance of lights, lightships, provision dépôts, buoys and beacons, and fog-whistles in this division during the year ended 30th June last, amounted to \$117,248.78.

The sum of \$3,168.48 was expended on construction of lights during the same period.

NOVA SCOTIA LIGHTHOUSE DIVISION.

This division, in charge of Mr. H. W. Johnston, Agent of the Department for the Province, includes, at this date, 144 lighthouse, exhibiting 156 lights, 1 light vessel, 12 steam fog-alarms, 6 hand fog-alarm stations, 2 fog bells, 3 signal gun stations, 7 automatic signal buoys, 5 iron bell buoys, 71 iron can buoys, about 420 spar and other small buoys, 7 stationary beacons, 7 life boat stations, 3 humane establishments, 4 signal stations.

At the opening of navigation, the Government steamer "Newfield" was at once employed in placing in their respective positions the eastern coast buoys-whence she proceeded to Sable Island with supplies. She was subsequently employed in supplying the lights in this division, and in repairing the telegraph cable between Magdalen Islands and Cape North.

The work of coaling the fog-alarm stations was performed by schooners chartered for the purpose. The coal for the Bay of Fundy and most of the western stations was procured from the Joggins mines, that for the eastern stations from the Gowrie mines, and that for Sambro and Shelburne, from the Acadia mines.

The light stations were inspected by Mr. C. A. Hutchins, the Inspector of Lights.

The steam fog-alarm stations were also visited by the inspector, accompanied by Mr. Warren, the chief engineer of the "Newfield," who made a careful examination of the machinery and boilers.

Abbot Harbour.

New lights put in operation this year: Abbot Harbour, on the south extremity of Abbot Island, Yarmouth County, to guide into Abbot Harbour. The light is fixed white dioptric, exhibited from a lantern hoisted on a mast. It is elevated 40 feet above high water mark, and should be visible eight miles from all points of approach.

Advocate Harbour, Cumberland County.

A new lighthouse was erected this year on the north-west side of the entrance to the harbour, under contract, by Mr. Sydney Smith, for the sum of \$1,000, and was put in operation on the 1st August. The light is fixed red, elevated 36 feet above high water mark, and should be visible all around the horizon, a distance of seven miles. The illuminating apparatus is dioptric of the 6th order. The building is a square wooden tower, 27 feet high, painted white, and stands on a small crib on the bar. The light is intended for a coast light, and to indicate the entrance to the harbour over the bar.

Lennox Passage and St. Peter's Inlet Beacon Lights.

The yearly increasing traffic since the opening of the St. Peter's Canal, and especially the increasing number of steamers carrying passengers and mails between Port Mulgrave and Sydney through the canal, having rendered the establishment of lights a necessity for the safe navigation of this route at night, the erection of pole lights to mark the principal turning points was ordered. This work was completed in the early part of the summer, and the lights were put in operation on the 5th August.

Each light is fixed red, shown from a small dioptric lantern, hoisted on a mast 25 feet high, with a shed at its base painted white, and should be visible five miles. They are located as follows in Lennox Passage: One on Glasgow Point, one on Seal Island, or Dog Island, one on Grand Digue Beach. In St. Peter's Inlet: One on Marjorie's Isle, or Gooseberry Island (off Sandy's Point), one on S. E. point of Beaver Island, one on west point of Freestone or Gregory Island.

At Seal Island and Freestone Island, respectively, there has been erected, in addition, a shelter shed 12 x 16 feet, for the accommodation of the keeper, as these two stations are remote from habitations.

McNeil's Beach.

A beacon light similar to those placed in Lennox passage has been erected on McNeil's beach, on the north side of Boularderie Island, in Victoria County, Cape Breton, and was put in operation on 5th August last. The light, which is fixed red, is shown from a small dioptric lantern, hoisted on a pole 25 feet high, with a shed painted white at its base. The light is elevated 33 feet above high water mark, and should be visible 8 miles from all points seaward. The light is intended for the guidance of vessels navigating the Great Bras d'Or.

Whycocomagh.

A pole light has been erected on Fraser's Point, in St. Patrick's Channel. Owing to a difficulty in obtaining a deed of the land from the owner, this light will not be put in operation till next spring. The light, which is fixed red, is shown from a small dioptric lantern, hoisted on a pole 25 feet high, with a shed painted white at its base. The light is elevated 31 feet above high water mark, and should be seen 7 miles. It is intended for the guidance of vessels navigating the head waters of St. Patrick's Channel as far as Whycocomagh.

Piper's Cove.

A lighthouse has been erected on the western end of Derby Point, near Piper's Cove, in the Grand Narrows, Bras d'Or Lake, in the County of Cape Breton, and was put in operation on the 1st October. This lighthouse was erected, together with an oil store, under contract, by Mr. James Macdougall, for the sum of \$718.

The light is fixed red, elevated 77 feet above high water mark, and visible 11 miles from all points seaward. The illuminating apparatus is dioptric of the sixth order. The tower is a square wooden building, 38 feet high from the ground to the lantern vane, and is painted white. This light is to guide vessels to the Grand Narrows, on Bara Strait from the westward.

Mabou Range Lights.

Two range lights were erected at the entrance to Mabou Harbour, in the County of Inverness, Cape Breton, and were put in operation on the 15th July. Each of them is shown from a small dioptric lantern, hoisted on a mast, with a shed painted white at its base. The outer or front light is fixed white, and stands on the outer end of the breakwater pier, on the south-west side of the dredged channel. It is elevated 25 feet above high water mark, and should be visible 9 miles from all points seaward.

The inner light is fixed red, and is distant 3,000 feet from the front one. It stands on the shore at McFayden's Wharf, is elevated 30 feet above water, and should be visible 7 miles. The two lights in range lead directly into the harbour, through the dredged channel, past the pier or breakwater.

Maitland or Green Cove.

A beacon light has been established on the outer end of the pier or breakwater at Maitland, on the south side of St. Mary's Bay, in the County of Yarmouth, N.S., for the guidance of vessels and fishing boats seeking the harbour. The light is fixed white, shown from a dioptric lantern, hoisted on a mast 25 feet high, with a shed painted white at its base, and is visible 9 miles from all points seaward. This light was put in operation on the 15th August.

During the past year a steam fog alarm has been erected by Mr. Henry Watt, of Halifax, on McNutt's Island, Shelburne County, near the lighthouse, and was put in operation on the 15th March last.

The alarm is operated by air through a reed trumpet known as the "Neptune fog-horn," which, in thick weather sounds a blast of 10 seconds' duration with intervals of 110 seconds between the blasts. The building also contains a brick tank of 6,400 gallons capacity, into which the water is pumped through pipes leading from a reservoir built about 100 yards from the engine room. A coal shed of 80 tons capacity adjoins the building. An additional coal shed has also been erected at Windlass Cove, about three-fourths of a mile from the station, and a tramway and winch have been fitted, for the purpose of conveying coal and supplies from the beach to the top of the bank, where they are provisionally stored, and hauled to the station when opportunity offers over a new road which has been made during the past year from the Cove to the lighthouse.

During the past year a fog-bell has been attached to the light station on Bunker's Island in Yarmouth Harbour.

Pilley's Mechanical Hand Fog Alarms.

One of the above very effective hand fog-alarms has been placed at each of the following light stations, viz.: Jerome Point, Egg Island, Barrington Lightship, Pease's Island, Gull Rock and Cape North.

Repairs and improvements have been made at the different light stations as follows, viz.:—

Jeddore Rock.

The stone wall foundation pointed with cement all around, and the landing slip carried away last fall during the heavy gales repaired.

Sheet Rock.

A boat house built during the past season.

Beaver Island.

A boat slip built.

Country Harbour.

The stone foundation of this lighthouse was taken down and rebuilt with cement mortar, the wall extended farther out all around, in order that the sill might rest more in the centre of the wall. A water table was provided to shed the rainwater clear of the wall. The building was stripped, all decayed wood removed and replaced with sound wood and the building shingled. An addition was also made to the dwelling for the accommodation of the keeper and his family. A new set of lamps, with oil fountains, was likewise fitted up.

Cranberry Island.

The boat slip, which had been destroyed by the ice and sea last winter, has been replaced and more securely fastened with iron bolts to the solid rock.

Pictou Island.

A new foundation wall under kitchen has been built, and the foundation wall under the tower pointed with cement.

Amet Island.

The foundation stone wall surrounding the Island having been very much undermined and fallen away in places, it was deemed advisable to have the wall repaired, and the whole front surrounded with a wooden cribwork, properly secured and ballasted. The work has been performed in a most thorough and substantial manner, and it is hoped will withstand the action of the heavy seas and ice which have hitherto been so destructive to this station.

Mullen's Point, Wallace.

The stone wall foundation has been repaired, and galvanized iron rope guys set up in order to steady the building, which was found to shake very much in heavy gales.

Oil stores have been erected at Kidston Island, Grand Narrows and Point Aconi.

St. Esprit.

A small breastwork built of logs filled with stone ballast has been built at this station for the protection of the landing slip.

Battery Point, Lunenburg.

This light, being a harbour light, has been changed from a fixed white to a fixed red, in order to distinguish it from shore lights. The change came into operation 1st August.

Little Hope.

Iron stays have been fitted, securing the lantern which was found to vibrate dangerously in heavy storms.

Argyle.

A road from the landing to the lighthouse, a distance of 400 yards, has been made by the keeper, at a cost of \$28.

Yarmouth, Cape Fourchu.

Four sides of the tower were stripped and re-shingled, and also the roof and south end of the dwelling house.

Church Point.

The upper part of dwelling never having been finished when the building was erected, this work has been done and two bedrooms partitioned off and plastered, thus affording the necessary additional accommodation for the keeper's family.

Meteghan.

The lighthouse has been moved out to the end of the new addition made to the pier last year, a distance of about 80 feet.

Tenders were invited during the past season for the construction of a break-water at Hobson's Nose, extending from the slip to the embankment, a distance of 75 feet. Mr. Abraham Zinck has agreed to do the work for the sum of \$285.

Parrsboro.

Since the last report, considerable repairs have been effected at this station. The dwelling and outbuildings have been re-shingled, the deck around lantern repaired and covered with zinc, and the verandah and steps around dwelling and tower

repaired. The western end of breakwater, extending from the lighthouse to the mainland, and which forms the protection to the harbour on that side, has been considerably damaged by storms within the past year, and will require to be rebuilt in a more substantial manner.

Sable Island.

Extensive repairs have been made this year to the east end lighthouse at Sable Island. The keeper having reported the tower to be leaking at the sides, and the discovery of decayed places in the timbers and planking, a more thorough examination was made in June last by the inspector, accompanied by Mr. Jacob Bowser, builder, of Halifax. The result was such as to render the stripping of the outside of the building expedient, in order that all the decayed parts might be made good. Accordingly men and materials were sent down, and the work of repairs performed under the superintendence of Mr. Bowser. After having finished the work at the east end light, Mr. Bowser effected necessary repairs at the other stations on the Island.

The fog-alarm stations also received necessary repairs. At Scatterie, the centre joint of boiler was repaired by placing soft patches over seams and rivets.

At Sambro, the condensing boiler, which leaked, was chipped and caulked and soft patched where required. The operating boiler was covered with felt and canvas.

At Cross Island, a set of new tubes was furnished and put in boiler, and other minor repairs effected.

At Cape Sable, a new set of tubes was furnished to boiler.

At Cape Forchu, an extension to coal shed has been built, in order to provide necessary inside storage accommodation for the coals required at this station. The stone wall at back of engine room and reservoir, which had been deranged by the sea during the gales of last winter, was also repaired. An iron band has been fitted around the reservoir as an additional security.

Repairs to engine and boiler have also been made.

A Judson governor has been fitted to engine to regulate the blasts.

At Brier Island, 600 feet of iron pipe was furnished, for the purpose of conveying the water from tank to whistle house.

At Point Prim, a patch on boiler renewed, seams chipped and caulked and legs repaired.

Tenders have been invited for the erection of a lighthouse, with keeper's dwelling attached, on Westhaver's Point, Hubbard's Cove, Lunenburg County, for the guidance of vessels navigating St. Margaret's Bay and seeking an anchorage in Hubbard's Cove, and the contract has been awarded to Mr. C. Albert Smith for the sum of \$1,435.

Tenders have also been invited for the erection of a lighthouse at Margaree Harbour, in the County of Inverness, Cape Breton, and one at Shafner's Point, on the north shore of the Annapolis River. The contract at Margaree Harbour has been awarded to Mr. Duncan McFarlane, for the sum of \$254, and that at Shafner's Point to Mr. John Wagstaff for, \$900.

It is also proposed to erect a lighthouse during the next year at Cape Sharp, in Cumberland County, and a pole light on Shipley's Head, or Tenant Point, for the purpose of guiding vessels seeking an anchorage in Terence Bay, Halifax County, west.

The following changes have occurred in the keepership, &c., of the lights in this division, since the date of my last report, viz. :—

By Order in Council of the 18th February last, Mr. C. A. Hutchins was appointed Inspector of Lights, at a salary of \$1,200 per annum, in the room of the late Lieut. Browne, R. N.

By Order in Council of the 15th February last, Mr. Uriah Young was appointed keeper of the lighthouse at Chester, at a salary of \$400, in the room of Mr. Edward Young, deceased.

By Order in Council of the 15th February last, Mr. Wm. Whalen was appointed keeper of the lighthouse at Quaker Island, at a salary of \$300 per annum.

By Order in Council of the 10th March last, Mr. John Prescott Mosher has been appointed keeper of the lighthouse at Burntcoat, at a salary of \$250 per annum, in room of Mr. Wm. Fulkner, deceased.

By Order in Council of the 19th April last, Mr. Joseph Edward Bancroft has been appointed keeper of the lighthouse on Brier Island, at a salary of \$400 per annum, in the room of Mr. Joseph Suthern, deceased.

By Order in Council of the 19th April last, Mr. Moses G. Scott has been appointed keeper of the lighthouse at Guysboro', at a salary of \$220 per annum, in the room of Mr. Godfrey S. Peart, deceased.

By Order in Council of the 8th May last, Mr. George Sterling Livingstone has been appointed keeper of the new lighthouse at Advocate Harbour, at a salary of \$150 per annum.

By Order in Council of the 27th June last, Mr. John McFarlane has been appointed keeper of the lighthouse at Margaree or Sea Wolf Island, at a salary of \$400 per annum, in the room of Mr. Farquhar McRae, resigned.

By Order in Council of the 29th August last, Mr. Edward Alexander McNeil has been appointed keeper of the new lighthouse at Piper's Cove, at a salary of \$100 per annum.

By Order in Council of the 11th September last, Mr. Murdoch Matheson has been appointed keeper of the pole light at Whycomagh, at a salary of \$60 per annum.

By Departmental letter of the 31st May last, Mr. Allan McLean was appointed keeper of the Mabou range lights, at a salary of \$50 per annum.

By Departmental letter of the 31st May last, Mr. John McDonald was appointed keeper of one of Mabou range lights, at a salary of \$50 per annum.

By Departmental letter of the 4th July last, Mr. Laughlin Morrison has been appointed keeper of the pole light at Freestone Island, at a salary of \$150 per annum.

By Departmental letter of the 4th July last, Mr. Daniel Clough has been appointed keeper of the pole light at Grand Digue, at a salary \$60 per annum.

By Departmental letter of the 4th July last, Mr. Charles Forest has been appointed keeper of the pole light at Glasgow Point, at a salary of \$60 per annum.

By Departmental letter of the 4th July last, Mr. Norman McDonald has been appointed keeper of the pole light at Marjorie's Isle, at a salary of \$80 per annum.

By Departmental letter of the 4th July last, Mr. Simon Joyce has been appointed keeper of the pole light at Seal Island, at a salary of \$80 per annum.

By Departmental letter of the 4th July last, Mr. James D. Corbett has been appointed keeper of the pole light at South Beaver Island, at a salary of \$80 per annum.

Mr. Lauchlin McNeill was placed in charge of the light on McNeill's Beach, from the 6th August.

The total cost of maintenance of the lights, steam fog-whistles, &c., in the Province of Nova Scotia, including humane establishments at Sable Island, St. Paul and Scatterie, for the last fiscal year, amounted to \$141,907.53, and the amount expended during the same period on construction of lights was \$12,439.35.

NEW BRUNSWICK LIGHTHOUSE DIVISION.

This division comprises all the lighthouses; fogwhistles, buoys and beacons on the coasts and rivers of the Province of New Brunswick, and is under the charge of Mr. J. H. Harding, Agent of this Department at St. John, N. B. In this division there were, at the close of navigation, 99 light-houses, including 2 light-ships, and 12 fog-whistles, under the charge of 82 light keepers and engineers.

During the past year new lights have been established as follows:—

A beacon light at Little Belledune Point, in the Bay des Chaleurs, in the County of Restigouche. A fixed white dioptric light is shown, elevated 38 feet above

high water mark and visible 11 miles from all points seaward. The lantern is hoisted on a mast 28 feet high, which has a white shed at its base.

A beacon light on the public wharf known as Palmer's Landing on the River St. John, King's County. This is a fixed white light shown from a tubular lantern hoisted on a mast. It is elevated 37 feet above high water and should be visible for a distance of five miles. It is intended to show the position of the end of the pier and to guide through the channel of the Belle Isle Bay. The mast 25 feet high is set back 35 feet from the front of the pier and has a shed painted white at its base.

A fixed red dioptric light on the Lime Kiln Bank, on the north side of the Miramichi River, below the town of Newcastle, in the County of Northumberland. This light is elevated 87 feet above high water mark and should be visible 9 miles. The building is a square wooden tower, 23 feet high from ground to top of roof, painted white with red roof.

A fixed red dioptric light on the south side of the Lower Jemseg entrance, on the River St. John, in Queen's County. This light is shown from a lantern hoisted on a mast and is elevated 34 feet above the ordinary level of water and should be visible 3 miles. The mast is 21 feet high and at its base is a shed painted white. It stands upon a timber pier built 30 feet back from the water's edge. This light is intended to guide vessels navigating the River St. John through the channel at the entrance to the Jemseg, and is a short distance above No Man's Friend light.

A beacon light on the wharf at Williams' Landing on the south-east side of the River St. John, in King's County. This light is fixed white, shown from a tubular lantern hoisted on a mast, and is elevated 30 feet above the ordinary level of the river, and should be visible from all points of approach 10 miles. The mast is set back 42 feet from the front of the wharf. The light is intended to show the position of the end of the wharf and to guide up and down the Long Reach.

During the past season tenders were invited for the construction of a fog alarm building and engineer's dwelling at Martin Head, on the north shore of the Bay of Fundy, in the County of St. John, and the contract awarded to Mr. Thomas B. Carson, of Quaco, at \$3,330. The work is in progress at present, and will be completed next spring. An improved Champion fog horn has been procured for this station, at a cost of \$2,169.60.

The lighthouse on Mulholland's Point, on the southern end of Campobello Island, opposite the Lubec Narrows, has lately been completed and the light will shortly be exhibited. The contract for this lighthouse was awarded to Mr. Angus Fisher, of St. George, at \$790.

Tenders were also invited for a new dwelling for the engineer of the fog alarm at Head Harbour, on the Island of Campobello, Bay of Fundy, and the contract awarded to Mr. Angus Fisher, at \$1,100. This work is almost completed.

In addition to ordinary maintenance, the following repairs and improvements have been effected during the past year:—

Beacon Light, St. John Harbour.

The top work being badly decayed, it was found necessary to take down the top of the block to high water mark and rebuild it. This has been carried out at considerable cost.

Cape Enrage Fog Alarm.

The water tank at this station and engine house were repaired during the past season.

East Head Musquash.

The lighthouse at this station was painted and repaired.

Grindstone Island.

The fog-trumpet and machinery were thoroughly overhauled and repaired.

Gannet Rock Light Station.

Extensive repairs were carried out. The wharf on the north side was rebuilt with heavy timber and a better landing arranged; a large derrick was built on the wharf and an iron derrick erected on the east side to discharge supplies. An iron frame for the house of refuge was also erected and the foundation prepared.

Head Harbour.

A new boiler was supplied for the fog-alarm and considerable repairs effected at the light station.

Machias Seal Island.

Boiler of the fog-whistle repaired and new lamp supplied to the towers, which have added largely to the efficiency of the light.

McMann's Point.

New sills and flooring supplied to lighthouse.

Oromocto Shoals.

A new lantern erected and foundations of lighthouse repaired and strengthened.

Point Lepreau.

A new lantern and lighting apparatus supplied to this station and a new boiler for the fog-whistle. Complaint has been made that the fog-whistle is misleading, owing to its position, and it is proposed, next season, to remove it to the extreme end of the point. An automatic buoy has been placed off this point, in the interests of navigation.

Quaco.

A block has been built at this station to facilitate the landing of supplies.

Swallow Tail.

Lighthouse repaired, new roof placed on dwelling, buildings painted and brick tank built under dwelling.

Southern Wolf.

A derrick and landing platform erected at this station for landing supplies.

North Head Grand Manan.

Considerable improvements effected at this station. A new boiler supplied for fog-alarm, engine house enlarged and lined inside with brick, the two boilers connected, the chimney lengthened and new whistles supplied to the boilers.

Partridge Island.

Extensive improvements at this station in connection with placing a new boiler, lighthouse painted and lantern repaired.

Preston's Beach.

New lanterns supplied the beacon lights and repairs and painting effected.

Escuminac Point.

Considerable repairs made to the road leading over the barren to the lighthouse.

Bay du Vin.

A small dwelling erected at this station, at a cost of \$300.

Middle Island.

This station thoroughly repaired and painted.

Neguac Gully.

A dwelling house for keeper erected at this station.

Tabusintac.

The building repaired and painted during the past year.

Dalhousie Beacons.

Owing to the erection of a freight shed by the railway authorities, it has been found necessary to remove and add to the height of the beacons.

Pokemouche.

A beacon light, to range with the main light, was erected during past season.

An appropriation was made by Parliament, at its late Session, for the erection of a light at Clifton breakwater, in the County of Gloucester. Tenders have recently been invited, and the contract awarded to Mr. Richard Peters, at \$620.

The bell buoy moored off Partridge Island, which has done good service for many years, has been rebuilt and put in efficient condition.

The following changes have occurred in the keepership of the lights in this division since the date of my last report, viz. :—

By Order in Council of the 21st June last, Mr. Henry Bélonie Robichaud was appointed keeper of the Buctouche range lights, at a salary of \$150 per annum, in the room of Mr. Thadée B. Robichaud, resigned.

By Order in Council of the 21st June last, Mr. Beverley Emerson Palmer was appointed keeper of the lighthouse at Palmer's Point, at a salary of \$80 per annum.

By Order in Council of the 21st June last, Mr. Wm. Roherty was appointed keeper of the Belledune River light, at a salary of \$100 per annum.

By Order in Council of the 30th June last, Mr. Wm. Merry was appointed keeper of the lighthouse at Newcastle, at a salary of \$150 per annum.

By Order in Council of the 29th August last, Mr. George W. Thomas was appointed keeper of the lighthouse at Point Lepreau, at a salary of \$400 per annum in the room of Mr. George Thomas, deceased.

By Order in Council of the 24th November last, Mr. George Nevers was appointed keeper of the lighthouse at Jemseg, at a salary of \$80 per annum.

By Order in Council of the 24th November last, Mr. George Adie Briggs was appointed engineer of the fog-alarm at Martin Head, at a salary of \$400 per annum.

By Order in Council of the 25th November last, Mr. Robert C. Williams was appointed keeper of the light at Williams' Wharf, at a salary of \$80 per annum.

By Order in Council of the 25th November last, Mr. Charles Brown was appointed keeper of the lighthouse at Quaco, at a salary of \$400 per annum, in the room of Mr. Wm. Love, superannuated.

The total cost of maintaining the lights, fog whistles, buoys and beacons, in the Province of New Brunswick, for the fiscal year, amounted to \$86,670.70, and the amount expended during the same period on construction of lights was \$2,868.70.

PRINCE EDWARD ISLAND LIGHTHOUSE DIVISION.

This division is under the charge of Mr. Artemas Lord, who is Agent of the Department at Charlottetown. From the report received, there were in this division, at the close of navigation, 44 lights under the charge of 34 keepers. The majority of these lights being situated on prominent headlands, serve the general purposes of navigation. The remainder are harbour lights, erected chiefly in the interests of fishermen.

The lighthouse at Cape Egmont, to which reference was made in the report of last year, was completed and put in operation in September last. The lighthouse is situated on the extreme point of the Cape, 100 feet from its south and west banks. The light is fixed red [catoptric, placed in an octagonal iron lantern. The centre of the light has an elevation of 72 feet above high water, and should be visible in clear weather 10 miles from all points seaward. The buildings consist of a square white tower, with cottage attached, and an oil house distant about 50 feet. The sum of \$1,585.17 was expended on this lighthouse during the past fiscal year, as will be seen by reference to the accounts.

During the past season the range lights at the entrance to Savage Harbour, in King's County, on the north coast of the Island, to which reference has been made in previous reports, were completed and put in operation. They are shown from fixed white dioptric lanterns, hoisted on poles, and should be visible 5 miles in the line of range. The outer light stands near the water's edge on the inner shore of the harbour, and is elevated 22 feet above high water, The inner light stands 330 feet distant from the outer, and is elevated 30 feet above high water.

During the past winter the lighthouse on the west end of St. Peter's Island, in Hillsborough Bay, on the west side of the entrance to Charlottetown Harbour, was removed and placed on the south side of the Island, about a mile east by south from the old site. On the opening of navigation next season, it is proposed to change the catoptric apparatus to a sixth order dioptric, to show a fixed red light. The light will be 70 feet above high water, and should be visible 10 miles.

The lighthouse at North Rustico was also removed during last winter 510 feet from its former site on the middle of the beach to the north side of the entrance to the harbour. The red light shown from a window below the main light has been discontinued and replaced by a fixed red dioptric light hoisted upon a mast 225 feet from the main light. The old upper light shown from the light building has become the back light of a range, and shows a fixed white light, as heretofore. It is elevated about 40 feet above high water and is visible 8 miles. The front range is elevated 22 feet above high water, and is visible 5 miles.

During the past year it was found necessary to erect a breakwater for the protection of the lighthouse lately established at Indian Point, in Summerside Harbour. The work was satisfactorily carried out under contract by Mr. Ronald Campbell, at a cost of \$3,950.

During the past year a brush and stone foundation has been built under contract at Cove Head, in Queen's County, and extensive repairs have been carried out at Sea Cow Head and Blockhouse Point stations, and the lighting apparatus at North Cape, West Point and Fish Island stations greatly improved.

An appropriation was made by Parliament, at its last Session, for the erection of a fog-alarm at the important light station at East Point, and it is probable that this improvement will be effected next season.

The following changes have occurred in the keepership of the lights in this division since the date of last report, viz.:—

By Order in Council of the 21st July last, Mr. Bruno Perry was appointed keeper of the light at Cape Egmont, at a salary of \$200 per annum.

By Order in Council of the 9th August last, Mr. Charles McAdam was appointed keeper of the lighthouse at Savage Harbour, at a salary of \$100 per annum.

By Order in Council of the 4th September last, Mr. Augustin McDonald was appointed keeper of the lighthouse at Savage Harbour, at a salary of \$100 per annum, Mr. Charles McAdam having declined the appointment.

The total cost of maintaining the lights in the Province of Prince Edward Island for the fiscal year was \$19,059.62, and the expenditure for construction was \$2,158.60.

BRITISH COLUMBIA LIGHTHOUSE DIVISION.

This division is under the charge of Mr. Frederick Revely, agent of this Department at Victoria. There are seven lighthouses in this Province and one fog whistle under the charge of seven keepers, who provide the necessary assistants.

The new lighthouse of North Sand Heads of the Fraser River, to which reference was made in the report of last year, was completed and put in operation in May last, and the lightship heretofore maintained at the mouth of the river withdrawn. A fixed white dioptric light of the third order is shown at an elevation of 52 feet above high water, and should be visible 12 miles all around the horizon. The building consists of a hexagonal wooden tower, 49 feet high from its base to the vane on the lantern, supported above water on an iron pile foundation. The light, besides serving as a general coast light, indicates the entrance to the channel of the Fraser River through the Sand Heads. A fog-bell attached to the building is sounded during thick and foggy weather. The sum of \$9,754 was expended on this lighthouse during the past fiscal year, as will be seen by reference to the accounts.

During the past year the water tank, tramway¹ and woodshed at Cape Beale station were rebuilt and the machinery repaired. A brick chimney was also erected at Race Rocks, for the purposes of the fog-whistle, and some necessary repairs effected.

The following changes have occurred in the keepership of the lights in this division since date of last report, viz.:—

By Order in Council of the 19th April last, Mr. Joseph Dare was appointed keeper of the lighthouse at Fisgard, at a salary of \$500 per annum, in the room of Mr. Henry Cogan, resigned.

By Order in Council of the 21st July last, Mr. Henry Georgeson was appointed keeper of Plumper Pass lighthouse, at a salary of \$500 per annum.

By Order in Council of the 22nd April last, Mr. John Sproat was appointed keeper of the lighthouse at Sand Heads, Fraser River, at a salary of \$800 per annum. Mr. Sproat having declined the appointment, the light was placed in temporary charge of Mr. Hugh H. Fraser, who, together with his assistant, Mr. Frederick Williams, was unfortunately drowned.

OIL.

A contract was entered into last February with the Imperial Oil Company, of London, Ont., for the supply of the oil required for the purposes of the lights, at the following rates, viz.: 22½ cents per gallon delivered at Halifax and St. John; 22 cents delivered at Quebec, 21 cents at Montreal, and 20 cents delivered at Hamilton and Goderich. The oil is required to be of the best quality of double distilled, standard white, extra refined petroleum, free from acid or other impurities; to weigh, at 62° Fahr., not less than 7.85 lbs., nor more than 8.02 lbs. per gallon; to withstand a flash test of 115° Fahr.; and in all other respects to comply with the provisions of the Petroleum Inspection Act of 1880.

The quantity of oil supplied to the lights above Montreal during the past fiscal year was 19,001 gallons; to the lights in the Quebec district, 22,176 gallons; to the lights in the Nova Scotia district, 35,117 gallons; to the lights in the New Brunswick district, 13,182 gallons; and to the lights in the Prince Edward Island district, 5,265 gallons—making, in all, 94,741 gallons.

DOMINION STEAMERS.

The steamers under the control of this Department consist of the screw steamer "Napoleon III.;" the "Druid," paddle wheel; the "Newfield," screw; the "Sir James Douglas," screw; the "Northern Light," screw; the "Lansdowne," screw; the "La Canadienne," now transferred to the Department of Fisheries; and the small steam launch "Dolphin," employed at Quebec in connection with the river police service.

Reference was made, in the report of last year, to the loss of the new steamer "Princess Louise," near Point Prim, a few days after being launched, while being towed to Halifax. Tenders for the construction of another vessel were duly invited, and the contract awarded to Mr. Jotham O'Brien, of Maccan, N.S., for the sum of \$34,300. The engines and boilers were supplied, under contract, by Messrs. Rankin and Blackmore, of Greenock, Scotland, for the steamer "Princess Louise," at £4,760 sterling. The vessel was completed, to the satisfaction of the Department, and launched on the 4th November last, and has since been employed in the lighthouse and coast service of Nova Scotia, as the "Newfield" has been laid up for repairs. The

Dimensions of this vessel are as follows: length, 188·6 feet; breadth, 32·1 feet; depth, 15·8 feet. Gross tonnage, 680·31 tons, and registered tonnage, 462·62 tons.

The steamer "Napoleon III." was employed during the past season in supplying the lights in the lower St. Lawrence, and made three trips for this purpose, one in June, another in July and August, and another in October. She also supplied the lights on the north shore of New Brunswick; and at the close of navigation was employed for a short season as a lightship in the Traverse.

The steamer "Druid" was employed in supplying the lights between Quebec and Montreal, and some of the lights between Quebec and the Bay des Chaleurs, and attending to the buoy service in the upper and lower St. Lawrence.

This vessel is old, and requires new boilers and engines, and also extensive repairs to her hull, to put her in good condition, and the question of repairs is under consideration.

The steamer "Newfield" was employed as usual, during the past season, in attending the buoy and light service in Nova Scotia, and also in serving lights in the Bay of Fundy, New Brunswick. She was also employed in repairing the telegraph cable between Magdalen Islands and Cape North, and in assisting in saving cargo of S.S. "Amsterdam," wrecked at Sable Island.

This vessel is at present undergoing extensive repairs. A new boiler is being supplied, under contract, by Mr. John Patterson, of Halifax, at \$5,480.

The steamer "Sir James Douglas," stationed at Victoria, B.C., was employed in attending light stations, buoys and beacons, and occasionally in special service for other Departments. She was also employed in laying the Clover Point and Dunsmuir cable.

The "Northern Light" is employed in maintaining winter communication between Prince Edward Island and the mainland during the winter season. She was employed from the 2nd November, 1883, in performing the usual mail service, owing to the withdrawal of the boats of the Prince Edward Island Steam Navigation Company, and made three trips a week from Charlottetown to Pictou, until the 17th December, 1883, when she began the winter service between Georgetown and Pictou. Forty-two round trips were made from 2nd November, 1883, to 16th January, 1884, when obliged to discontinue owing to the ice. On the 16th March she succeeded in breaking out of Georgetown Harbour, and continued to make regular trips up to the 23rd May, when her services were no longer required. In July last it was found necessary to place her on the marine slip at Pictou for repairs. The earnings of this vessel for the last fiscal year amounted to \$6,206.10.

The amount expended during the fiscal year ended 30th June last, as will be seen by reference to Appendix No. 9, for the maintenance of "Napoleon III." was \$26,384.42, of the "Druid" \$16,634.71, of the "Newfield" \$25,726.60, of the "Sir

James Douglas" \$16,111.83, of the "Northern Light" \$19,539.52, and of the "La Canadienne" \$19,935.53,—making a total expenditure of \$124,332.61.

HARBOUR POLICE.

A police force has been established for a number of years past at the harbour of Montreal and Quebec, for the purpose of keeping order among the shipping and restraining crimping, and a tax of 3 cents per ton for its support was levied, under the provisions of the Act 31 Vic., chap. 62, on all vessels arriving at these ports. Vessels of 100 tons and under being required to pay the tax once in each year, and vessels of more than 100 tons twice in each year. This Act was repealed by the Act 45 Vic., chap. 48, which provided for the establishment of the force at Montreal and Quebec, and the appointment of superintendents and constables. The duty, which remains as under the former Act, is required to be levied on all vessels, whether sea-going or inland, whether entering at Quebec or Montreal.

Quebec.

The River Police Force at Quebec, under charge of Mr. B. Trudel, was sworn in for duty, as customary, on 1st May last, and constituted as follows, viz.:—The Chief Constable, who is also Shipping Master, at a salary of \$1,500 for the joint offices; Deputy Chief Constable, at \$2.40 per diem; five Coxswains, each at \$1.90 per diem; twenty-six Constables, at 1.50 per diem, and two Engineers, at \$50 each per month making in all thirty-five.

From the statements appended to the annual report of the Chief, which appear in the Supplement to this Report, it will be seen that 577 arrests were made by the force during the past season at the port of Quebec, of which 181 were for desertion and 1,381 seamen received care and assistance from the force.

The total amount expended in connection with the maintenance of the Quebec River Police Force, for the fiscal year ended 30th June, 1884, was \$22,958.79, while the dues collected during the same period amounted to \$18,441.12, showing a deficiency of \$4,517.67.

A detailed statement of this service, showing the amount paid for maintenance of the force, police steamer and contingencies, will be found in Appendix No. 15, to this Report.

Montreal.

From the report of Mr. H. St. A. Ormond, Inspector of the Harbour Police Force of Montreal, who also holds the position of Agent of the Department, the force, as constituted during the last season, consisted of one Chief Constable, with a salary of \$3 per diem; three Sergeants, at \$1.90 each per diem, and thirty Constables, at \$1.50 each per diem, making a total, including the Inspector of thirty-five. The Inspector and Agent receives a salary of \$1,400. An increase of four men was made to the

ce in the month of August, as it was found that the existing force was unable to
e the necessary protection required by the shipping visiting the port.

From the returns transmitted by the Inspector, it appears that 871 persons were
ested by the force at Montreal, during the past fiscal year.

The total expenditure on account of this service at Montreal, during the fiscal
r, amounted to \$19,021.93, and the Harbour Police dues collected to \$10,056.13,
wing an excess of expenditure over receipts of \$3,965.80.

The total amount expended during the past fiscal year, at Quebec and Montreal,
account of Harbour Police Service, was \$41,980.72, and the amount collected was
,497.25, showing an excess of expenditure over receipts of \$13,483.47. The
ections of the past year exceeded those of the preceding year by the sum of
7.23, and the expenditure was \$3,662.07 in excess of that of the preceding year.

The receipts and expenditure on account of this service during the past fifteen
rs are as follows, viz. :—

		Receipts.	Disbursements.
For fiscal year ended 30th June, 1870.....	\$	23,996 68	\$ 18,461 83
do do 1871.....		21,235 06	17,400 73
do do 1872.....		27,215 80	20,348 00
do do 1873.....		26,618 50	32,653 87
do do 1874.....		28,650 39	38,897 52
do do 1875.....		25,620 09	37,895 00
do do 1876.....		26,499 09	41,222 68
do do 1877.....		28,598 10	35,006 37
do do 1878.....		26,702 43	37,560 14
do do 1879.....		21,464 97	36,486 50
do do 1880.....		21,510 15	35,225 54
do do 1881.....		27,375 09	35,451 07
do do 1882.....		21,420 33	42,316 56
do do 1883.....		28,060 02	38,318 65
do do 1884.....		28,497 25	41,980 72
		<hr/>	<hr/>
		\$383,463 95	\$509,225 18
Deduct receipts from expenditure.....			383,463 95
			<hr/>
Excess of expenditure over receipts.....			\$125,761 23
			<hr/>

SICK AND DISTRESSED MARINERS.

Under the provisions of the Act 38 Vic., chap. 31, amending the Act respecting the treatment and relief of sick and distressed mariners, vessels of greater burthen than 100 tons register are liable to pay a duty of 2 cents per ton three times each calendar year, instead of twice as formerly; vessels of 100 tons and under paying the duty once in each year.

By the provisions of the Act 47 Vic., chap. 21, passed at the last Session of Parliament, vessels employed exclusively in fishing, which were exempt from the payment of sick mariners' dues and not entitled to the same benefits as those vessels on which the dues are imposed, have now the same rights as other vessels, if dues are paid before leaving on a fishing voyage.

The receipts for the fiscal year ended 30th June last amounted to \$48,667.07, being an increase, as compared with the receipts of the preceding year, of \$1,093.62.

The Sick Mariners' Act does not apply to the Province of Ontario, and consequently no dues are collected from vessels in that Province and no expenditure incurred on account of sick seamen. For a number of years past, however, a grant has been made by Parliament of \$500 to the General Hospital at Kingston, and a similar amount to the General and Marine Hospital at St. Catharines, for the care of such seamen as may be received. In the Province of Quebec the expenditure on account of sick and distressed seamen, including the total expenditure for the Marine and Immigrant Hospital at Quebec, amounted to \$23,143.03, as will be seen by reference to Appendix No. 18. Of this sum, \$621.19 was expended on account of shipwrecked and distressed seamen, and \$1,357 for sick seamen, at ports other than those of Montreal and Quebec.

At the Port of Montreal sick seamen are cared for at the General Hospital under an arrangement made by the Department, by which 90 cents per diem is paid for the board and medical attendance of each seaman. The amount paid the hospital during the past fiscal year was \$1,174.50. The sick mariners' dues collected during the same period at the Port of Montreal amounted to \$2,970.28.

At the Port of Quebec, sick seamen are cared for at the Marine and Immigrant Hospital. The sum of \$20,000 was appropriated by Parliament for the maintenance of this hospital, and the expenditure, as shown by Appendix No. 17, amounted to \$19,990.34. A grant of \$2,400 was received from the Government of Quebec and \$199 from rent of beach lots, board of patients, &c., making the total amount deposited to the credit of the Receiver-General \$2,599, thus reducing the cost of maintenance to the Government of the Dominion to \$17,391.34. In this sum the cost of maintaining sick immigrants as well as seamen is included, and estimating the cost of immigrants, of whom 109 were treated and retained in hospital, in all 1,499 days, a

\$80.06, the cost of sick seamen would amount to \$15,711.28. By reference, however, to the report of the resident physician, it appears that during the past fiscal year, out of 729 patients treated 418 were seamen having 6,328 days' treatment, 109 were immigrants, having 1,499 days' treatment, and 202 were residents of Quebec, having 7,690 days' treatment, thus showing, as stated in former reports, that the amount contributed by the Government of Quebec, viz., \$2,400, towards the support of residents in the hospital, is altogether inadequate. A fair proportion of the cost of the institution for the past fiscal year would be as follows, viz.:—For seamen, \$8,152.27; for immigrants, \$1,931.14, and for residents \$9,906.92. The Commissioners report a falling off of 105 during the year in the number of admissions, a decrease of 4,525 days' attendance, and state that result is due in some measure to a falling off in the arrivals at the port and the excellence of the sanitary state of the crews and passengers, but principally to the rigid control exercised in the admission of sick patients from the city. Taking the total number of days' treatment of patients during the year as 15,517, the cost per diem of maintaining each patient is \$1.28.

The amount of sick mariners' dues collected at the Port of Quebec, during the past fiscal year, was \$11,584.64, being \$1,105.56 less than the previous year, and the total amount collected in the Province of Quebec, for the same period, was \$17,368.48, instead of \$18,205.18, collected in the previous year. The expenditure for sick and distressed seamen at the different ports in the Province of Quebec, estimating the total charge to the fund for the Marine Hospital at Quebec at \$17,391.34 amounts to \$20,514.03, showing an excess of expenditure over receipts of \$3,175.55.

The expenditure on account of sick and disabled and distressed seamen in the Province of New Brunswick amounted, during the last fiscal year, to \$9,033.99, while the receipts for the same period amounted to \$11,038.64.

Marine hospitals are established in New Brunswick, at the Ports of St. John, St. John's, Miramichi, Richibucto, Bathurst and Sackville, and returns received weekly from the medical superintendents in charge. Details of expenditure at the different hospitals will be found in Appendix No. 18. The sick mariners dues collected at the Port of St. John, during the last fiscal year, amounted to \$5,240.08, and the cost of maintaining the Marine Hospital, at that place, to \$4,226.22. A new Marine Hospital has been built at St. John by the Department of Public Works, and has lately been opened.

In the Province of Nova Scotia marine hospitals have been established at the Ports of Yarmouth, Sydney, Lunenburg and Point Tupper. At Halifax, provision is made for sick seamen at the Provincial and City Hospital, under arrangements made with the managers of that institution. The sum of 90 cents per diem is at present allowed for board and medical attendance. The sum of \$6,040.22 was collected

at Halifax, during the past fiscal year, as sick mariners' dues, and the sum paid to the Provincial and City Hospital for the same period was \$4,352.95.

At ports in the Province, where no hospitals exist, sick seamen are cared for under the direction of the chief officer of Customs, and details of the expenditure thus incurred will be found in Appendix No. 18. The total expenditure for sick disabled and distressed seamen in Nova Scotia, during the past fiscal year, amounted to \$12,006.42 and the receipts to \$16,220.33 showing an excess of receipts over expenditure of \$4,213.91.

In the Province of Prince Edward Island the expenditure on account of sick disabled and shipwrecked seamen, during the last fiscal year, amounted to \$1,226.50 and the receipts from sick mariners' dues to \$684.46. Sick seamen at the Port of Charlottetown are cared for under an arrangement entered into with the manager of the Charlottetown Hospital. The amount paid under this arrangement was \$6,000. A marine hospital is established at the Port of Souris.

In the Province of British Columbia the sum of \$4,048.19 was expended during the year, and the receipts of the Sick Mariners' Fund amounted to \$3,355.16. A marine hospital is established at the Port of Victoria.

During the past fiscal year the sum of \$918.56 was paid to Her Majesty's Government to re-imburse expenses incurred in caring for shipwrecked and distressed Canadian seamen at foreign ports.

The total expenditure by this Department on account of sick, disabled, shipwrecked and distressed seamen during the past fiscal year, including the grant of \$500 to each of the hospitals at St. Catharines and Kingston, and the entire expenditure on account of the Marine Hospital at Quebec, amounted to \$51,391.64, being \$2,512.33 in excess of the previous year, and \$10,603.36 less than the amount appropriated by Parliament for the service.

It will be seen, however, that as the entire collection of the Sick Marine Fund amounted to \$48,667.07, the excess of expenditure over receipts amounted to \$2,724.57. Should a deduction, however, be made, of a fair proportion of maintaining resident and immigrants in the Marine Hospital at Quebec, which amounts, as above stated, to \$11,838.06, the expense would amount only to \$39,553.58, and there would be an excess of receipts over expenditure of \$9,113.49.

The receipts and disbursements in connection with this service during the last
 teen fiscal years are as follows :—

		Receipts.	Disbursements.
For fiscal year ended 30th June, 1869.....	\$	31,353 78	\$ 26,987 64
do do 1870.....		31,410 46	27,029 34
do do 1871.....		29,683 41	28,971 22
do do 1872.....		34,911 64	38,947 60
do do 1873.....		37,136 10	41,016 43
do do 1874.....		41,500 16	59,778 90
do do 1875.....		37,801 46	50,684 76
do do 1876.....		41,287 66	48,828 49
do do 1877.....		43,739 21	51,647 94
do do 1878.....		44,665 07	43,780 99
do do 1879.....		37,779 57	42,729 36
do do 1880.....		42,523 20	42,160 91
do do 1881.....		49,779 72	40,667 52
do do 1882.		45,951 47	39,359 11
do do 1883.....		47,573 42	36,249 65
do do 1884.....		48,667 07	39,553 58
		<hr/>	<hr/>
		\$645,763 40	\$658,393 44
Deduct receipts from expenditure.....			645,763 40
			<hr/>
Balance to debit of Fund.....			\$12,630 04
			<hr/>

IMPROVEMENT OF HARBOURS.

Under the provisions of the Act 32 and 33 Vic., cap. 40, a tax of 10 cents per ton
 as formerly imposed for the improvement of harbours, on all vessels arriving at the
 ports of Bathurst and Richibucto, N.B., Amherst and House Harbour, Magdalen
 Islands and Cape Chatte, Quebec, these ports having been proclaimed to be under the
 operation of the Act referred to. By Order in Council of the 7th May, 1877, the
 tonnage duty was reduced to 4 cents for every ton of the registered measurement of
 vessels entering the ports in question. As stated in the Report for the year
 1880, the Port of Bathurst was exempted, by Order in Council of 12th April, 1880,
 from the provisions of the proclamation referred to, and the tonnage duty has not
 been collected since that date.

By Order in Council of 1st May, 1877, the Port of Southern Bay, Ingonish, N.S.,
 was proclaimed under the operation of the Act, and a tonnage duty of 6 cents a ton
 imposed.

The amount collected at the different ports under the operation of the Act, for the year ended 30th June last, was as follows :—

Amherst and House Harbour, Magdalen Islands.....	Nil.
Cape Chatte, Gaspé	\$105 48
Richibucto, N.B.....	717 24
Southern Bay, Ingonish.....	32 74
	— — —
	\$855 46
	=====

The amount collected for the year ended 30th June, 1883, was \$758.60.

The sum of \$759.82 was expended by the Department of Public Works at Southern Bay, Ingonish, and \$1,000 at Richibucto.

STEAMBOAT INSPECTION.

The report of the Chairman of the Board of Steamboat Inspection, for the year ended 31st December last, will be found in the Supplement to this report, together with statements showing the names of engineers examined and to whom certificates had been granted and renewed; the amount of fees paid for such certificates; the steamboats inspected, and the amount of duties and fees collected; also statements showing the number of steamboats added to the number in the Dominion, and those broken up, lost or rendered unfit for service during the year.

During the year Mr. Edward S. Vigor, who had served temporarily as Inspector in Western Ontario, was appointed Inspector of Steamboats for the Province of British Columbia, and Mr. Richard Collister, Inspector of Hulls of Steamboats for the Port of Victoria, Mr. Vigor acting in that capacity for the other ports in the Province. Mr. Oliver P. St. John was appointed an additional Inspector of Boilers and Machinery for the West Ontario, Huron and Superior Divisions, and Captain James Dick an additional Inspector of Hulls for the Province of Ontario.

By the provisions of the Act 47 Vic., cap. 20, amending the Steamboat Inspection Act, the fee payable on the renewal of an engineer's certificate was fixed at \$1, instead of \$5, as provided in the Act.

Meetings of the Board of Inspectors were held during the year at Toronto, St. Catharines, Collingwood, Sarnia, Montreal, St. John and Halifax. At the meetings held at the two last named places, rules and regulations were adopted which appear in detail in the report of the Chairman.

The amount received during the last fiscal year, on account of tonnage dues, inspection of steamboats and certificates to engineers, was \$15,371.79, of which sum \$2,521.79 was for tonnage dues and inspection fees, and \$2,850 for certificates to engineers. This shows an increase in the receipts, as compared with the previous year, of \$2 791.43. The increase in tonnage dues and inspection fees, was in reality, \$3,009.43; the fees for certificates falling short of the amount received the previous year by \$215. The expenditure for steamboat inspection during the last fiscal year, will be seen by reference to Appendix No. 11, amounted to \$21,893.38, and as the receipts amounted only to \$15,371.79, there is a deficiency of \$6,521.49. The large increase in expenditure is accounted for by the increase in the number of inspectors required to carry out the provisions of the Consolidated Steamboat Inspection Act.

From the report of the chairman, with accompanying statements, it will appear that during the last calendar year 705 certificates were granted to engineers as follows:—First-class, 27; second-class, 203, and third-class, 475.

The total number of steamboats in the Dominion is given by the chairman as 1,011, having a gross tonnage of 150,111 tons. Of this number, 256 steamers belonged to the Western Ontario, Huron and Lake Superior Division; 126 to East Ontario; 132 to Montreal Division, 150 to Quebec Division, 117 to Maritime Provinces, 50 to Manitoba, and 58 to the British Columbia Division.

During the last calendar year 92 new steamers were added to the list, and 36 were taken out of service, showing a gain in steamers of 56. The principal increase was in the Division of Western Ontario, Huron and Lake Superior, where 36 steamers were added to the list, having a gross tonnage of 10,282 tons.

The chairman reports that the operation of the Steamboat Inspection Act, so far as it relates to the manufacture and construction of marine boilers, has been in the highest degree satisfactory, and the boilers turned out unsurpassed for safety and durability. During the past season only one casualty occurred, attended with loss of life, viz.: that of collision between the Canadian Pacific Railway steamer "Alberta" and the American steamer "J. M. Osborne," where four persons perished.

It will be seen by the following comparative statement of receipts and expenditure on account of Steamboat Inspection Fund for the past 15 fiscal years, that during that period the entire receipts, \$210,619.03, have exceeded the expenditure, \$187,380.98, by the sum of \$23,238.05, which remains as a balance to the credit of the Fund:—

			Receipts.	Expenditure.
For fiscal year ended 30th June, 1870.....			\$ 12,521 29	\$ 7,399 18
do	do	1871.....	10,369 96	8,321 00
do	do	1872.....	11,710 43	8,500 00
do	do	1873.....	15,412 75	11,205 54
do	do	1874.....	15,603 19	10,291 58
do	do	1875.....	15,011 90	12,199 81
do	do	1876.....	13,811 24	13,081 86
do	do	1877.....	15,859 42	13,073 01
do	do	1878.....	12,431 25	13,228 28
do	do	1879.....	12,331 16	13,076 46
do	do	1880.....	15,424 02	11,854 34
do	do	1881.....	16,905 49	12,211 65
do	do	1882.....	15,277 78	14,835 97
do	do	1883.....	12,577 36	16,209 02
do	do	1884.....	15,371 79	21,893 28
			<u>\$210,619 03</u>	<u>\$187,380 98</u>
Deduct expenditure from receipts...			187,380 98	
Excess of receipts over expenditure..			<u>\$23,238 05</u>	

CERTIFICATES TO MASTERS AND MATES.

The Report of the Chairman of the Board of Examiners of Masters and Mates of seagoing ships, for the Calendar year, ended 31st December, 1881 will be found in Supplement No. 1 to this Report.

During the past Calendar year, as will be seen by reference to the Report, the Board of Examiners have held meetings for the examination of Candidates at the ports of Halifax, N. S., St. John N. B., Quebec, Yarmouth, N. S. and Charlottetown, P. E. I. At the Port of Halifax thirteen meetings were held, ten at St. John, one at Quebec, ten at Yarmouth, and one at Charlottetown. At Halifax the number of masters who succeeded in passing and obtaining certificates of competency was twenty, and the number of mates thirty-three, while three failed as master and nineteen as mate. At the port of St. John N. B., seventeen candidates passed for the grade of master, and twenty four for mate, while four failed as master and fifteen as mate. At the port of Yarmouth, N. S., sixteen candidates passed for the grade of master and sixteen for mate, while two failed for master and seventeen for mate. At the Port of Charlottetown, P. E. I., one candidate passed for the grade of master and one for mate, while two failed as mate. At the port of Quebec two masters passed the Board. It will thus be seen that during the past year out of sixty-five candidates that presented themselves at the ports named for examination as master fifty-six succeeded in passing and nine failed, and that out of 127 that applied for examination as mate seventy-four passed and fifty three failed.

The number of candidates who have passed and obtained master's certificates of competency since the Act went into operation, viz., 16th September, 1871, to the 31st December 1884, is 1,374, and the amount paid for these certificates, at the rate of \$10 each, \$13,740. During the same period 808 candidates received certificates of competency as mate, and the amount paid, at the rate of \$5 each, was \$4,040. In the supplement referred to, a list will be found of all who have obtained certificates of competency and service, either as master or mate, during the year ended 31st December, 1884.

During the calendar year fourteen certificates of service for the grade of master and twelve for that of mate have been granted. The total number of certificates of service issued since the Act came into operation is 893 for the grade of master and 321 for that of mate, making a total of 1,214 certificates of service granted. These certificates, as stated in previous reports, are granted to masters and mates who are unable or unwilling to undergo examination for certificates of competency, and who have held situations as masters and mates previous to 1st January, 1870, and can produce certificates of experience and general good conduct. The fee charged for certificates of service is at the rate of \$5 for master and \$3 for mate.

The fees received on account of certificates of competency and service during the fiscal year ended 30th June last, was \$1,387.50; and the amount, in detail, expended on account of this service, as will be seen by reference to Appendix No. 1 to this Report, was \$3,909.59.

A list of certificates cancelled during the last calendar year will also be found in Supplement No. 1 to this Report.

The following statement shows the receipts and expenditure on account of this service since the Act came into operation, viz.:—

	Expenditure.	Receipts.
For fiscal year ended 30th June, 1871.....	\$ 1,410 45	\$
do do 1872.....	4,312 07	1,344 00
do do 1873.....	6,466 18	4,963 00
do do 1874.....	4,520 19	2,995 00
do do 1875.....	5,696 62	2,715 00
do do 1876.....	4,672 08	2,021 87
do do 1877	4,050 00	1,740 50
do do 1878.....	4,249 76	1,296 50
do do 1879.....	4,250 12	1,334 50
do do 1880.....	4,253 43	1,547 00
do do 1881.....	3,888 41	1,333 50
do do 1882.....	3,965 19	1,152 50
do do 1883.....	4,021 20	1,314 00
do do 1884.....	3,909 59	1,387 50
	<hr/>	<hr/>
	\$59,665 29	\$25,144 87
Receipts..	25,144 87	
	<hr/>	
Excess of expenditure over receipts.....	\$34,520 42	

It having come to the knowledge of the Department that in several instances masters of vessels had engaged certificated mates and, after clearing at the Custom House, had proceeded to sea without a certificated mate, thereby evading the requirements of the law, it was deemed advisable to amend the Act, and it was therefore enacted, during the last Session of Parliament, that any master who, after having obtained his clearance by representing that he had engaged a person possessing a mate's certificate, for the voyage, and afterwards proceeds to sea without such person or some other duly qualified mate, should incur a penalty of \$100, and that any person who knowingly allows his certificate to be produced as aforesaid, and does not proceed to sea on the voyage for which the clearance is obtained, shall incur a like penalty. The Act was also amended so as to provide for the issue of certificates of service to the Masters and Mates who had served as such, previous to 1884, in vessels registered in Canada over 100 tons, and not exceeding 150 tons register.

At a court of inquiry held at Liverpool on the 25th August, 1884, to enquire into the cause of the collision between the "Belle Star" and "Richard Owen," in which the last named vessel was sunk, George W. Croscup, who was mate of the "Belle Star" at the time, and who held a certificate of competency, No. 1,864, was found in default for keeping an insufficient look-out, and therefore suspended his certificate of competency for the space of three months.

The certificate of competency, No. 740, held by Charles P. Johnson, was suspended for the space of three months, from 11th November, 1884, by the Board of Trade, on account of Mr. Johnson's conviction, at Greenock, of drunkenness and disobedience to orders when first mate of the "Vale of Nith."

At a court of inquiry at Halifax on the 3rd October, 1884, into the circumstances attending the abandonment of the brigantine "Annie," of Maitland, Nova Scotia, on the 17th December, 1883, the court, after having carefully weighed and considered the evidence, came to the conclusion that the loss of the vessel was owing to the gross ignorance of duty, as a seaman, of the master, D. T. Cameron, who held a certificate of service, No. 475, and therefore recommended that his certificate be cancelled, which was accordingly done.

INLAND AND COASTING CERTIFICATES.

During the last calendar year the number of candidates who have passed and obtained masters' certificates of service was 1,661, and the amount paid for these certificates, at the rate of \$4 each, was \$6,644, while four failed. During the same period 443 candidates received certificates of service as mate, and the amount paid, at the rate of \$2 each, was \$886, while four failed. The number of candidates who succeeded in passing for certificates of competency as master was 83, and the amount paid for these certificates, at the rate of \$8 each, was 664, while 23 failed. Thirteen

mates obtained certificates of competency, and the amount paid for the same, at the rate of \$4 each, was \$52, while 18 failed.

The amount voted by Parliament for certificates of competency and service to masters and mates of sea-going, inland and coasting ships, was \$6,000, and the amount expended to the 30th June, 1884, was \$5,580.79, leaving an unexpended balance of \$419.21, which reverted to the Treasury. The total amount of fees received for certificates of competency and service of inland and coasting vessels, during the fiscal year ended 30th June, 1884, was \$8,050, and the amount expended was \$1,671.20.

WRECKS AND CASUALTIES.

The total number of casualties to British, Canadian and foreign sea-going vessels, reported to the Department as having occurred in Canadian waters, and to Canadian sea-going vessels in waters other than those of Canada, during the year ended the 31st December, 1884, was 199, representing a tonnage of 83,410 tons register, and the amount of loss, both partial and total, to vessels and cargoes, so far as ascertained, was \$2,396,753.

The number of lives lost in connection with these casualties was 209, namely, 160 in Canadian waters, and 49 in waters other than those of Canada.

The disasters reported to this Department as having occurred to vessels on the inland waters of Canada, and to Canadian vessels on American inland waters during the year 1884, were 20, and the tonnage involved was 8,360 tons register. The number of lives lost was four only, and the total amount of loss and damage to vessels and cargoes is estimated at \$107,372.

When the Wreck Register closed in 1883, a large number of casualties had been reported, of which the Department had not sufficient particulars to enable it to publish them in the list for that year. Returns have subsequently been received for many of these casualties, and a detailed list of them will be found in Supplement No. 1 to this Report. These casualties have been added to those previously reported, with the result of largely increasing the amount of loss and damage sustained by the mercantile marine in 1883, as the following totals will show:—

Total number of disasters for 1883.....	366
do tons involved.....	158,826
do lives lost.....	259
Total loss and damage.....	\$2,029,752

There were no wrecks reported to the Department as having occurred on St. Paul's Island during the past year, but two disasters, both involving loss of life, and one a very heavy loss of property, occurred on Sable Island, viz., the steamship "Amsterdam" and the brigantine "A. S. H."

The fine steamship "Amsterdam," of 3,000 tons gross tonnage, hailing from Rotterdam, commanded by Captain T. M. Lucas, and owned by the Netherlands-American Steamship Company, stranded during a dense fog on the eastern bar of Sable Island, about 9.45 p.m., on 30th July, 1884, having been carried out of her course by the strong currents prevailing in that vicinity. The steamship had on board a general cargo, 212 passengers and a crew numbering 48 all told. Owing to the fog she was not observed from the island until 1.30 p.m. of the following day, when boats were immediately despatched to her assistance. Previous to their arrival, however, Captain Lucas had, by means of his own boats, safely effected the landing of all his passengers except three, who were unfortunately drowned in the surf through carelessness on the part of those in charge of one of the boats, this being the only loss of life in connection with the wreck. The shipwrecked people were at once cared for by the superintendent of the island and his staff, and everything possible done to make them comfortable. On the 5th August the Government steamer "Newfield" fortunately happened along on one of her supply trips, and the passengers were immediately put on board her and forwarded to Halifax. The "Newfield" then returned, and every effort was made to save the ship and cargo. A large portion of the latter was secured undamaged, but a change for the worse in the weather foiled all attempts to get the steamer off, and she became a total loss. The loss on the vessel was estimated at \$200,000, and on the cargo at \$240,000.

On the afternoon of 19th December, during a tremendous gale, accompanied by snow, the brig "A. S. H." of St. Malo, France, was driven ashore at Sable Island, and out of a crew of seven men only the first mate succeeded in saving his life. The thermometer was 12° below zero at the time, and the cold, combined with the blinding snow and hurricane, compelled the unfortunate sailors to succumb. The wreck was not known at the station until 2 a.m. the next day, when the mate, after terrible suffering, made his way thither, having, for the last quarter of a mile, dragged himself upon his hands and knees. The "A. S. H." was commanded by Captain Le Marchand, owned by Omeyers & Cie., of St. Pierre, and was bound from the latter place to Boston with a cargo of fish. The loss on the vessel and cargo has not been ascertained.

The "Daniel Steinmann" a fine iron steamer of 1,330 tons, from Antwerp, bound for Halifax, struck the "Broad Breaker" rock at Sambro, off the mouth of Halifax Harbour, on the 3rd of April, became a total wreck, and 124 persons were lost. An investigation was held, in accordance with instructions from the Department, at which it was ascertained that the catastrophe was caused by the master mistaking Sambro light for Chebucto light, on a dark, foggy and rainy night. It would seem that he had taken no observations on that day, and should not have attempted to enter the harbour under the circumstances. The "Daniel Steinmann" had a general cargo, and 93 passengers on board, and was owned by Messrs. Steinmann & Ludgwig, of Antwerp. The loss on the vessel was estimated \$180,000, on the cargo unknown.

The barque "Georgie" of Windsor, N.S., 646 tons, 8 years old, was abandoned at sea on 6th February, about 50 miles off Pernambuco, being then in a water-logged and helpless condition. She was on a voyage from Penarth to Hong Kong, with a cargo of coals, sprang a-leak on 4th February, and although the pumps were kept going incessantly the water steadily gained until the crew had only time to save their lives. The vessel was valued at \$25,000, and the cargo at \$3,000.

The barque "Ocean," of the burden of 651 tons, registered at Liverpool, N.S., and owned by Messrs. Black Bros. & Co., of Halifax, was totally destroyed by fire at Krum Bay, St. Thomas, D. W. I., on the 1st of March. The British Consul at St. Thomas caused a thorough examination of the entire crew to be had before him, and also visited the ship during the progress of the fire, and finding not the slightest ground to suspect that she had been purposely set on fire, did not deem it necessary to hold a court of enquiry. On the return of the master and mate of the vessel to Halifax, they were both, under instructions from the Department, examined before Captain Scott, and the conclusion at which he arrived was, that the loss of the ship was entirely due to the negligence of the steward, who acted as cook. The value of the vessel was estimated at \$7,000, that of the cargo unknown.

The Government steamer "La Canadienne" while entering the harbour of Gaspé, on the night of the 20th May, ran down the brigantine "Alliance," of Jersey, causing the latter to sink immediately.

An investigation was held by the Department, from which it appeared that the light was dark, but fine and clear; that the brigantine was lying at anchor, with regulation lights burning, and that the steamer was proceeding at full speed. Under these circumstances, the captain of the steamer, who was on the bridge at the time of the collision, was held to be entirely to blame, and was accordingly dismissed. The "Alliance" was subsequently raised and repaired, the loss to the vessel being estimated at \$2,000, and to the cargo at \$400.

The brigantine "Annie," of the tonnage of 203 tons, registered at Maitland, N. S., and owned by Mr. George J. Troop, of Halifax, while on a voyage from Montreal to Buenos Ayres, laden with lumber, was abandoned on the 16th December, 1883, in about latitude 4°, 34 N., and longitude 38°, 9 W., under circumstances which led to a formal investigation being held at Liverpool, G.B., in February, 1884, before T. S. Raffles, Esq., with the result, that in the opinion of the court the master had not been justified in the abandonment, and had not taken proper measures to secure the safety of the ship. Subsequently, in obedience to an Order in Council, an investigation was held before Captain Scott at Halifax, on the 3rd of October, 1884, and the court recommended to the Department that the master's certificate be cancelled, which was accordingly done. The loss on the vessel was estimated at \$6,000, and on the cargo at \$1,500.

On the 24th July, 1884, a collision occurred at sea between the "Richard Owen," of Great Britain, and the "Belle Star," registered at Digby, N. S., whereby the former vessel was sunk, and four out of a crew of seven, unfortunately drowned. A formal investigation was held on the 21st August, before the stipendiary magistrate, at Liverpool, G.B., and in the opinion of the court, George W. Crosscup, chief officer of the "Belle Star," had been in default, in not keeping a sufficient look-out, and his certificate was therefore suspended for three months, from 25th August.

The steamship "Inveralt," of the burthen of 841 tons, registered at Liverpool, G.B., while on a voyage from Montreal to Pictou, went aground on the East Point of Pictou Island on the 4th of August, 1884, the night being very thick and foggy. Under instructions from the Department, an informal investigation was held by Captain Scott, who found that the master of the steamer was in error, because, being unacquainted with the locality, he should not, in thick weather and without a pilot have endeavoured to make progress, but should have brought his ship to an anchor and waited until it cleared up. The loss on the steamer, (there was no cargo), has not been reported to the Department. Several attempts were made by a wrecking company to get her off, but they were all unsuccessful.

The iron steamship "Finchley," belonging to London, G.B., of 1,951 tons gross tonnage, and owned by Edward Harmay Watts, foundered in deep water off the Nova Scotian coast, near Isaac's Harbour, on the 20th of September, 1884, having first struck twice on shoals in very thick weather. The steamer was on a voyage from South Carolina to Dublin, laden with phosphate, and with directions to call at Sydney, Cape Breton, for bunker coal. A formal investigation was held at Liverpool, G.B., on the 12th of November, A. D., 1884, before H. C. Rothery, Esq., and the court found that the stranding and loss of the steamer were due to the wrongful acts and defaults of Jacob Garson, the master, and his certificate was accordingly suspended for six months. The loss on the vessel was estimated \$108,000, and on the cargo at \$12,000.

The iron steamship "Warwick" registered at Bristol, G.B., of 2,526 tons gross, was stranded at Fox River, in the Gulf of St. Lawrence, on the 14th July, 1884. The weather was very thick at the time. The steamer was on a voyage from Newport to Montreal, and was laden with iron. An investigation was held before Mr. J. U. Gregory, the agent of this Department at Quebec, on the 11th September, and the decision arrived at by him was that the casualty was due to unusual deviation of the compasses, caused, no doubt, by the nature of the cargo. At the time the vessel struck the captain believed he was 25 miles off shore, although, on account of the thick weather, he kept the lead going constantly, and took every other precaution. No default was proven against any of the officers of the vessel. The "Warwick" was subsequently got off after jettisoning a large portion of her cargo and proceeded to Quebec for repairs under her own steam. The amount of loss and damage has not been reported to the Department.

There were no casualties involving very serious damage reported as having occurred on the inland waters of Canada during the year 1884, and only one involving loss of life, viz., a collision which occurred between the Canadian Pacific Railway Co's steamship, the "Alberta," and an American barge the "Osborne," on the 27th July, on Lake Superior during a dense fog. By this casualty there were four lives lost, viz., three from the "Osborne" and one, a passenger, from the "Alberta." The amount of loss and damage to either vessel has not been reported to the Department.

COMPARATIVE STATEMENT of the Losses reported to the Department since 1870.

—		Casualties.	Tonnage.	Lives Lost.	Damage.
For the Year ending 31st December, 1870.		335	82,008	210	901,000
do do 1871.		274	81,035	81	2,100,000
do do 1871.		290	99,109	237	2,507,338
do do 1873.		350	99,523	*813	2,844,133
do do 1874.		308	106,862	109	2,029,965
do do 1875.		286	99,427	78	2,468,521
do do 1876.		452	153,368	404	2,942,955
do do 1877.		468	177,896	153	2,952,582
do do 1878.		414	161,760	187	3,444,875
do do 1879.		533	194,364	339	4,119,233
do do 1889.		445	179,993	217	3,820,652
do do 1881.		440	210,719	399	4,922,423
do do 1882.		451	193,655	271	3,138,423
do do 1883.		366	158,826	259	2,029,752
do do 1884.		199	83,410	209	2,396,753

* Of this number, 545 persons were lost by the wreck of the steamship "Atlantic," on the 1st of April, 1873.

SHIPPING MASTERS AND SHIPPING OF SEAMEN.

In the supplement to this report will be found a statement showing the returns received from the shipping masters appointed under the Act relating to the shipping of seamen, for the half years ended 30th June and 31st December last, and of the fees received under the Act.

The following change has occurred in the list of shipping masters since 1st January last, viz. :—

The appointment of Mr. Ronald McDonald as shipping master at Sydney, N.S., on the 20th April last, in the room of Mr. Jacob Ingraham, deceased.

The following is a summary of the reports received from the shipping masters at some of the principal ports in the Dominion :—

The shipping master at St. John, N.B., shipped during the year 4,056 seamen, discharged 2,791, and received as fees, at the rate of 50 cents for each seaman shipped and 30 cents for each seaman discharged, \$2865.30; out of which he paid for assis-

tance and incidental expenses, \$1,066.10, leaving the net income of his office \$1799.20.

The shipping master at Halifax shipped, during the year, 3,065 seamen, discharged 2,149, for which he received \$2,177.20; out of which, after deducting expenses, he had as remuneration, \$1,002.20.

Owing to the death of Mr. Geo. Smith, the late shipping master, and the vacancy thus caused not being filled, full returns for the Port of Montreal have not been received. The Collector of Customs reports that from 6th October to 31st December 1884—'0 seamen were shipped and 150 seamen discharged, while the fees, for that period, amounted to \$90.

At the Port of Quebec the total number of seamen shipped from the 1st January to 31st December last was 1,143, of which number 445 belonged to British, 491 to Dominion and 207 to foreign vessels; 760 were discharged and deserted during the same period, of whom 392 belonged to British and 368 to Dominion vessels. The total receipts during the calendar year amounted to \$771.25, and deducting the amount of incidental expenses, the balance of \$619.48 reverted to the treasury.

At the Port of Chatham, N.B., 156 seamen were shipped, 40 discharged, and fees to the amount of \$129 received by the shipping master.

At the Port of Pictou, N.S., 237 seamen were shipped, 160 discharged, and fees to the amount of \$166.50 received by the shipping master.

At the Port of Yarmouth N.S., 620 seamen were shipped, 429 discharged, and fees to the amount of \$438.70 received.

PILOTAGE AUTHORITIES.

The report of the Harbour Commissioners of the Port of Quebec, who are by law the Pilotage Authority for the Port of Quebec, will be found in the supplement. The annual statement of the Decayed Pilot Fund, which is under the conduct and management of the Corporation of Pilots, will be found in Appendix No. 37 to this report. From this statement it appears that, on the 31st December last, the Decayed Pilot Fund stood as follows:—

Money invested	\$53,352 71
“ in savings bank.....	2,599 55
“ in treasurer's hands	35 99
	<hr/>
	\$55,988 25
Deduct arrears due in pensions.....	274 82
	<hr/>
	\$55,713 43
	<hr/>

The number of decayed pilots on the list is 47, and the pensions range from \$17.10; 119 widows receive pensions ranging from \$38 to \$68; and 17 children, sons ranging from \$10 to \$15. The amount paid for pensions during the year 1884, \$11,092.87, and the per centage on contributions of pilots to the fund amounted to \$1,121.47, and the sum of \$3.073 was received for interest. The total receipts on account of the fund, including a balance from the preceding year, amounted to \$14.15, and the expenses amounted to \$11,978.61. The total receipts of the Corporation of Pilots for the past season, as given by the secretary, amounted to \$1,417.32, the expenditure to \$20,255.20, and the net dividend paid to each pilot on the active list was \$549.

The number of pilots on the active list on 31st December last was 178, being the same number as last year, and the number of apprentice pilots 23, being eight less than last reported; 36 old pilots, having attained the age of 65 years and upwards, were examined by the Pilotage Authority before the opening of navigation, and 33 were found qualified, were, with one exception, licensed for one year. Five pilots were pensioned, two died and five were tried during the season upon complaints made by ship masters. In three of the cases the pilots were found guilty and suspended, in another the pilot was acquitted, and the other case was dismissed. Of 178 on the active list, 29 were in the employ of steamship companies, and in charge of Dominion steamers and light vessels. During the year eight apprentice pilots, after undergoing the examination required by law, were admitted to practice as pilots.

MONTREAL.

The report of the Harbour Commissioners of Montreal, who are by law constituted the Pilotage Authority for this district, and possess the powers formerly vested in the Montreal Trinity House, will be found in the supplement. A statement of the Pilots' Fund will be found in Appendix No. 38 to this report. The fund continues in a prosperous condition and shows a net income of \$1,052.61 for the year 1884, although the receipts for poundage, &c., were somewhat less than usual, amounting to \$2,141.84, and the interest on investments to \$1,905. The fund now amounts to \$9,656.80, \$28,000 of which is invested in Montreal Harbour bonds, \$2,000 in Water Works bonds, \$5,000 in City of Montreal Consolidated Fund, \$4,636.23 in City and District Savings Bank, and \$20.57 in hands of treasurer. There are 23 pensioners on the fund, viz., 19 widows and four old pilots. The amount paid for pensions during the year was \$3,131.61. The number of pilots on the active list is 48, and the earnings amounted to \$41,549.58. Of this amount, \$38,808.11 was received from British vessels, and \$2,741.47 from foreign. There are 21 apprentice pilots. Only two accidents occurred to vessels during the past season, and no serious damage was occasioned to the vessels. In the one case the pilot was found in fault and suspended, in the other he was declared not to blame. The amount received by the Commissioners for poundage and interest on investments during the past year was \$54.24.

HALIFAX, N.S.

The returns received from the Halifax Pilotage Authority, for the year ending 31st December last, show that the sum of \$17,365.26 was received as pilotage dues, of which \$13,146.63 was received from British and \$4,218.63 from foreign vessels. The receipts for commission on pilotage collected, outward pilotage on ships having pilots, license fees, bonds, &c., amounted to \$2,003.43, while the expenses of commissioners, the secretary's salary, printing, &c., amounted to \$1,976.22. The surplus at credit of Pilotage Fund amounts to \$2,835.50, and the Superannuation Fund amounts to \$2,435.33. There are 22 licensed pilots in this district.

ST. JOHN, N.B.

The returns of this district for the last calendar year show that the sum of \$24,181.09 was received as pilotage dues, of which \$16,035.26 was from British and \$8,095.83 from foreign vessels. There are 37 licensed pilots and six pilot boats. The receipts of the Pilotage Authority from licenses, fees and other sources amounted to \$2,214.02, and the expenditure to \$2,030.75.

MIRAMICHI, N. B.

There are 31 licensed pilots and four pilot boats in this district. The total number of vessels reported inward and outward was 472, of which 136 were British and 336 were foreign. The total amount received from pilotage and other resources was \$15,898.88, and the expenditure amounted to \$15,918.55. Each pilot received out of the dues, &c., collected, the sum of \$490.44.

PICTOU, N. S.

There are 13 licensed pilots and one certificated master in this district. The sum of \$4,452.67 was received as pilotage dues, of which amount \$3,944.67 was received from British and \$508 from foreign ships. The sum of \$4,200.17 was paid to pilots, \$150 to secretary for salary and \$93.75 for other expenses, leaving a balance on hand of \$202.52.

SYDNEY, N. S.

The returns received from the Pilotage Authority of this districts show that a sum of \$15,432.50 was received from 897 vessels at the ports of Sydney, North Sydney, Lingan, Glace Bay and Port Caledonia, included in the district. The amount paid to pilots was \$14,660.88, commissioner \$150 and secretary \$100; the entire expenditure amounting to \$15,712.84. There are 35 pilots for the ports of Sydney and North Sydney, six for the Port of Lingan and 12 for Glace Bay and Caledonia.

VICTORIA AND ESQUIMAULT, B. C.

There are 11 licensed pilots and nine certificated masters and mates. The total amount of fees received for the calendar year was \$10,145.36, of which \$1,847.62

red from British and \$8,297.74 from foreign vessels. Fees for certificates, examinations and surveys, with balance from previous years, make the entire receipts \$10,700.12, while the fees paid to pilots, salary of secretary, office and other expenses amounted to \$10,504.28.

In addition to the pilotage districts above mentioned, returns have been received from the pilotage districts of St. Mary's and Liscomb, N. S., Bathurst, N. B., Charlottetown, N. B., and Buctouche, N. B.

WHARVES, PIERS AND BREAKWATERS.

The piers under the control and management of this Department are the following:—The piers at Goderich, Rondeau and Inverhuron, in the Province of Ontario; Muskegon, Rivière du Loup, Rivière Ouelle, Malbaie, Eboulement, L'Îlet and Berthelot, in the Province of Quebec; Maitland, Oak Point, Digby, Delap's Cove, East Meteghan River, Picket's Wharf, Port Greville and Brooklyn, in the Province of Nova Scotia, Clifton, in the Province of New Brunswick, and Souris, in the Province of Prince Edward Island. At the Port of Cow Bay, Cape Breton, N. S., a pier or breakwater purchased under the provisions of the Act, 37 Vic., chap. 18, is now under the management of this Department, but the tonnage dues imposed on vessels calling at the pier, and tolls for goods landed thereon, which were formerly collected by the chief officer of Customs at the port, are now collected by Mr. John McEwen, wharfinger.

By Order in Council of the 4th May, 1883, a statement will be found of the amounts collected from the wharves and piers under the charge of the Department. The total amount collected was \$3,937.72.

By Order in Council of the 4th May, 1883, the tolls at Goderich wharf were dispensed with for five years and the services of a wharfinger dispensed with.

By Order in Council of the 16th May last, Mr. Ronald Gillis was appointed wharfinger of the pier at East Bay, N. S., to receive, as remuneration for his services, 50 per centum of the amount collected.

By Order in Council of the 30th June last, Mr. Bennett McEachern was appointed wharfinger of the pier at Souris, P.E.I., to receive, as remuneration for his services, 25 per centum of the amount collected.

By Order in Council of the 24th December last, Mr. Andrew Bishop was appointed wharfinger of the pier at Pickett's Wharf, N. S., to receive, as remuneration for his services, 25 per centum of the amount collected.

HARBOUR COMMISSIONERS AND HARBOUR MASTERS.

In the supplement to this report will be found reports of the Harbour Commissioners at Toronto, Montreal, Quebec, Pictou and North Sydney, for the year ending 31st December last.

The report of the Harbour Master at Toronto to the Commissioners shows that total receipts for harbour tolls amounted to \$7,104.42, a decrease of \$868.29 as compared with previous years. The total revenue of the year was \$10,298.02 and expenditure amounted to \$5,814.62, and the balance in hand at the end of the year was \$5,741.10. The number of vessels that arrived at the port during the season was 1,780. Dredging was carried out at various places in the harbour at a cost to the Commissioners of \$911.76. The Harbour Master also reports that the contractors for the harbour improvements have completed the portion along the marsh and extending out into the gap.

The report of the Harbour Commissioners for the Port of Quebec shows that revenue arising from tonnage dues, harbour dues property, interest, &c., during the year, amounted to \$54,768.85, and shows a decrease of \$11,825.97 as compared with the preceding year. Of the revenue received, \$18,811.80 was for tonnage dues, \$12,637.52 for export, import and harbour dues, \$19,943.95 for revenue from property and the balance for interest and sundries. The expenditure, including salaries, officials, interest, sinking fund on \$723,000, harbour debentures, repairs and improvements on wharves and sundries, amounted to \$53,381.83, showing an excess of revenue over expenditure of \$1,387.02. The total value of the assets of the corporation is given as \$2,744,206.01 the liabilities as \$2,507,000.

The Commissioners report that it was decided to make a further reduction of 25 feet in the length of the graving dock, thus making it 495 feet long, and an arrangement was entered into with the contractors to build and construct all the work and complete the dock during the season of 1884, but owing to the unexpected mishaps which took place, over which the contractors had no control, they were obliged to suspend operations on the 14th November, till next season.

During the past season dredging in the lower basin was prosecuted vigorously and satisfactory progress also made in connection with the building of the cross wall.

From the report of the Harbour Commissioners, Montreal, it appears that total receipts from all sources amounted to \$582,275.49 and the expenditure to \$660,249. The sum of \$193,262.22 was received from wharfage and tonnage dues, \$100,000 from the Dominion Government for new channel works, and \$225,000 from sale of harbour debentures. The sum of \$74,575.34 was expended on interest Dominion Government, \$176,832.91 in new channel operations, \$61,850.35 in harbour dredging, \$28,574.74 in harbour expenses and management, \$114,842.50 as interest on harbour
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abt, \$44,865.96 in harbour repairs, and \$141,000 on redemption of harbour debentures. The revenue statement as compared with the previous year shows a net decrease of \$17,177, but it must be borne in mind that the harbour dues on grain were reduced for a period of three months from $7\frac{1}{2}$ cents per ton to the merely nominal rate of 1 cent per ton. The ocean tonnage for the year amounted to 649,374 tons, as against 664,263 tons for 1883. Number of vessels 626 in 1884, and 672 in 1883. The inland tonnage amounted to 726,015 tons, and shows a decrease of 38,706 tons for the previous year. Operations for deepening the ship channel to $27\frac{1}{2}$ feet at low water were carried on satisfactorily during the season.

The report of the Harbour Commissioners for the Port of North Sydney will be found in the supplement, together with an account of receipts and disbursements. The receipts amounted to \$1973.45, and the disbursements to \$1,955.69. Of this amount \$450 was paid to the Harbour Master, \$420 to the secretary, \$185.50 for caring for seamen, and \$287.17 on wharf account; 1607 vessels, having a total tonnage of 69,189 tons, arrived at the port during the season.

In the supplement will also be found reports from a number of Harbour Masters at the more important ports, appointed under the Acts 35 Vic., chap. 42, 36 Vic., chap. 9 and 63, and 37 Vic., chap. 34, with a statement of the fees collected by Harbour Masters during the year ended 31st December last, and also a list of all the Harbour Masters appointed under these Acts.

The following Harbour Masters have been appointed by Order in Council during the past year, viz.:—

Mr. Francis Marmeau, for Arichat, N. S., on the 6th May last, at a salary not to exceed \$200 of the fees collected, in the room of Mr. Andrew Bellefontaine, resigned.

Mr. John Wren, for St. Andrews, N. B., on the 6th May last, at a salary not to exceed \$100 of the fees collected, in the room of Mr. John Balson, deceased.

Mr. Hugh McKay, for Murray River, P.E.I., on the 8th May last, at a salary not to exceed \$100 of the fees collected, in the room of Mr. John Lowe, who had declined to act.

Mr. E. Douglas Rigby, for Little Glace Bay, N.S., on the 8th May last, at a salary not to exceed \$200 of the fees collected, in the room of Mr. Henry Mitchell, whose appointment was cancelled on the 16th May, 1879.

Mr. John McInnes, for West Bay, N.S., on the 8th May last, at a salary not to exceed \$100 of the fees collected.

Mr. Philip Irving, for Cape Traverse, P.E.I., on the 23rd May last, at a salary not to exceed \$100 of the fees collected.

Mr. Conrad Marks, for Ship Harbour, N.S., on the 2nd June last, at a salary not to exceed \$100 of the fees collected.

Mr. Edward Davison, for Hantsport, N.S., on the 27th June last, at a salary not to exceed \$200 of the fees collected.

Mr. Charles Fields, for Tidnish, N. S., on the 30th June last, at a salary not to exceed \$100 of the fees collected, in the room of Mr. George Brunidge, resigned.

Mr. Harding E. Graves, for Harvey, N.B., on the 8th July last, at a salary not to exceed \$100 of the fees collected, in the room of Mr. Joseph McAlmon, superseded.

Mr. York Barrington, for Victoria Pier, Sydney, N.S., on the 23th July last, at a salary not to exceed \$200 of the fees collected.

Mr. George Burke, for Upper and Lower L'Ardoise, N.S., on the 29th August last, at a salary not to exceed \$100 of the fees collected.

Mr. Alexander Dick, for St. George N. B., on the 29th August last, at a salary not to exceed \$100 of the fees collected, in the room of Mr. James Dick, deceased.

Mr. Joseph Ritecy, for Ritecy's Cove, N.S., on the 29th September last, at a salary not to exceed \$100 of the fees collected.

Mr. Thomas Donovan, for South Bay, Ingonish, N.S., on the 9th October last, at a salary not to exceed \$100 of the fees collected.

Mr. Edward Quennell, for Nanaimo and Departure Bay, B. C., on the 24th October last, at a salary not to exceed \$500 of the fees collected, in the room of Mr. John Sabiston, jun., resigned.

METEOROLOGICAL SERVICE.

The annual report of the Meteorological Service, by the Superintendent, Mr. Carpmael, forms Appendix No. 31 to this report. By reference thereto it will be seen that the number of volunteer observers continues to increase, and that two first-class, fourteen second-class and seven third-class stations have been established during the year, and two telegraph reporting stations.

The storm signal service remains unchanged, with the exception of the addition of a new station. The warnings issued during the year were 727, of which 604 were verified.

The issue of weather forecasts has continued without interruption throughout the year; 6,715 predictions were issued, of which 5,008 were fully verified, 1,039 partly and 668 not verified. The sum of \$48,000 was appropriated, for the service and the expenditure, as will be seen by reference to Appendix No. 20, amounted to \$50,160.73.

OBSERVATORIES.

The annual reports of the directors of the Magnetic Observatory at Toronto, and the Observatories at Montreal and Kingston, form appendices to this report. By reference to Appendix No. 21, it will be found that \$5,238.16 was expended on the Magnetic Observatory at Toronto, and \$500 each on the Montreal and Kingston Observatories. The total expenditure on the Meteorological and Observatory Service for the past fiscal year amounted to \$56,398.89.

SIGNAL SERVICE IN THE RIVER AND GULF OF ST. LAWRENCE.

This service was organized in 1879, with eight stations, and since that date nineteen have been added, making the number now in operation twenty-eight. Fifteen of them are located on the River St. Lawrence, and the remainder in the Gulf. The service has been satisfactorily performed during the past season, and daily reports as to wrecks and casualties, state of weather, passing vessels, &c., have been supplied to the Boards of Trade and the Press, at Quebec and Montreal. The sum of \$7,500 was appropriated by Parliament for this service, and the expenditure for the last fiscal year amounted to \$6,704.17.

HUDSON BAY EXPEDITION.

The report of Lieutenant Gordon, R.N., Deputy Superintendent of the Meteorological Service, on the conduct of the Hudson Bay Expedition, together with the report of Dr. Bell, who accompanied the expedition as medical officer and geologist, forms Appendix No. 30 to this report. The sum of \$30,000 was appropriated by Parliament for this service, but the sum of \$430.69 only was expended during the last fiscal year.

GEORGIAN BAY SURVEY.

The report of Commander Boulton, R.N., as to the operations of the survey during the past season, forms Appendix No. 23 to this report. The sum of \$27,000 was appropriated by Parliament for the purposes of this survey, and the expenditure during the fiscal year ended 30th June last amounted to \$26,745.54, as will be seen by reference to Appendix No. 29.

PORT WARDENS.

From the report of the Port Warden for Montreal, transmitted by the Montreal Board of Trade, it appears that the arrivals at the port show a slight decrease as compared with the previous year, both in number of ships and amount of tonnage, 322 ships with an aggregate tonnage of 488,753 tons being reported, as against 335 ships with a tonnage of 489,741 tons. In these arrivals vessels from Newfoundland and places within the Dominion are not included, as they do not come under the jurisdiction of the Port Warden. No missing ships were reported from the Port of Montreal during the year, nor any ships lost by overloading or from shifting of

cargo. The import trade is reported as not quite up to that of last year in volume, except in the article of sugar, which was largely in excess of previous years. The export of grain fell off nearly 2,500,000 bushels as compared with preceding year, but this deficiency has been made up by an increase in flour, phosphates, bacon, cheese and deals, flour being largely in excess; 7,421,152 bushels of grain were shipped, against 9,781,001 bushels in 1883, and 446,480 barrels of flour, against 294,353 barrels in 1883. The shipment of deals to Great Britain, and of lumber to South America, were in excess of previous years. The shipment of phosphates is steadily increasing, 20,461 tons being shipped, against 17,160 tons in 1883, and there is also an increase in the cattle export trade; 56,643 head of cattle and 63,143 sheep were shipped, against 50,345 head of cattle and 102,347 sheep. The receipts of the Port Warden's office during the year amounted to \$8,957.04, and the expenditure to \$8,267.46.

From the report of the Port Warden at Quebec, it appears that during the year he surveyed 125 steamships and sailing vessels with general cargoes; examined and surveyed 47 vessels on account of stranding, collision, &c.; surveyed and sold 15 lots of merchandise and examined, condemned and sold as wrecks three vessels, in compliance with the provisions of the Port Warden's Act. The fees received amounted to \$1,609.71, and the expenses to \$966.15.

The Port Warden at Halifax, N.S., reports that during the year he held surveys upon 46 vessels which arrived in a damaged condition. The fees for survey of these vessels amounted \$1,292, and for survey of hatches, stowage and damaged goods, to \$1,204, and for other services, \$289.95, making in all \$2,785.95. The expenses amounted to \$1,036.04.

The Port Warden at Charlottetown reports that he surveyed three vessels which arrived in a damaged condition. The fees derived from surveys amounted to \$611, and the expenses to \$147.90.

The Port Warden at Port Hawkesbury surveyed ten damaged vessels and received fees to the amount of \$272.

The Port Warden at Sydney surveyed 45 vessels and received fees to the amount of \$375.

The Port Warden at North Sydney surveyed 27 vessels and received fees to the amount of \$271.

The Port Warden at Chatham, N.B., held surveys on six vessels and received fees to the amount of \$137.50.

The Port Warden at Pictou reports receipts of fees to the amount of \$285 for survey of vessels arriving in a damaged condition.

The Port Warden at Rimouski reports that he held no surveys and collected no fees during the year.

By Order in Council of the 24th October last, Mr. Edward Quennell was appointed Port Warden for the Ports of Nanaimo and Departure Bay, B.C., his salary to be the fees collected.

MERCHANT SHIPPING.

The total number of vessels remaining on the register books of the Dominion on the 31st December, 1884, including old and new vessels, sailing vessels, steamers and barges, was 7,254, measuring 1,253,747 tons register tonnage, being a decrease of 10 vessels and 13,647 tons register, as compared with 1883. The number of steamers on the registry books on the same date was 1,073, with a gross tonnage of 207,669 tons. Assuming the average value to be \$30 per ton, the value of the registered tonnage of Canada, on the 31st December last, would be \$37,612,410.

The number of new vessels built and registered in the Dominion of Canada during the last year was 387, measuring 72,411 tons register tonnage. Estimating the value of the new tonnage at \$45 per ton, it gives a total value of \$3,258,495 for new vessels.

A statement follows, showing the number of vessels and number of tons on the register books at the different ports of registry in the Dominion, on the 31st December last, along with a comparative statement of the tonnage from 1873 to 1884. A statement is also published of the number of vessels built and registered in the Dominion during the last year, and a comparative statement of the number of new vessels built and registered from 1874 to 1884, both inclusive.

The following persons were appointed Measuring Surveyors of Shipping during the calendar year of 1884, viz.:—

Mr. Martin L. Oliver, Digby, N.S., in place of Mr. G. A. Viets, resigned.

Mr. Walter Dobson, Dorchester, N.B., in place of Mr. John Hickman, who was perannuated.

Mr. J. W. Binney, Moncton, N.B., in place of Mr. James Robertson, who died in October, 1883.

Permission was given to change the names of the following vessels during last year:—

Steamer "W. S. Turner," of Kingston, official number 83,300, changed to "Queen the Isles."

Schooner "Phoenix," of Parrsboro', official number 85,620, changed to "Weatherspoone Brothers."

Steam yacht "Zenobia," of Montreal, official number 58,826, changed to "Evangeline."

Steam tug "W. H. Pringle," of Windsor, Ont, official number 88,623, changed to "International."

Steam tug "Charles Kellogg," of Windsor, Ont., official number 88,622, changed to "Charlton."

The following wrecked vessels were registered, by authority of His Excellency the Governor-in-Council, during the last calendar year, after being thoroughly repaired and made seaworthy, viz :—

Name of Vessel.	Official Number.	Port of Registry.
Restless.....	83,132	Barrington, N.S.
Addie Benson.....	64,039	Sydney, C.B.
Four Brothers	38,472	do
Baulah Benton.....	71,362	Lunenburg, N.S.
J. B. Saint.....	82,194	Pictou, N.S.
Annie Simpson	80,012	do
Anna Currier.....	54,777	St. John, N.B.
Henry	34,891	Halifax, N.S.
Florence.....	83,055	Shelburne, N.S.
Lottie	84,777	Pictou, N.S.
Grizilda.....	66,602	Sydney, C.B.

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, 1884.

PROVINCE OF NEW BRUNSWICK.

Name of Port.	No. of Vessels.	No. of Steamers.	Gross Tonnage, Steamers.	Total Net Tonnage.
St. John's.....	169	19	1,242	15,627
St. John's.....	23	.....	.....	18,805
St. John's.....	8	.....	.....	2,738
St. John's.....	14	.....	.....	4,136
St. John's.....	12	.....	.....	3,422
St. John's.....	188	1	25	12,268
St. John's.....	677	51	8,846	251,136
Total	1,096	71	10,113	308,132

PROVINCE OF NOVA SCOTIA.

St. John's.....	15	.....	.....	5,381
St. John's.....	91	2	53	20,176
St. John's.....	125	1	44	6,362
St. John's.....	46	.....	.....	2,780
St. John's.....	4	.....	.....	269
St. John's.....	164	1	73	14,846
St. John's.....	51	1	35	2,654
St. John's.....	943	37	4,844	83,669
St. John's.....	89	.....	.....	8,436
St. John's.....	5	.....	.....	2,393
St. John's.....	284	1	48	22,176
St. John's.....	42	.....	.....	36,421
St. John's.....	11	.....	.....	773
St. John's.....	103	1	12	21,765
St. John's.....	101	8	329	36,821
St. John's.....	54	.....	.....	2,554
St. John's.....	27	.....	.....	1,557
St. John's.....	114	5	253	5,855
St. John's.....	136	1	23	11,299
St. John's.....	7	.....	.....	2,465
St. John's.....	192	4	377	116,309
St. John's.....	33	.....	.....	6,073
St. John's.....	405	12	1,679	133,014
Total	2,942	74	7,775	544,048

PROVINCE OF QUEBEC.

St. John's.....	29	.....	.....	1,013
St. John's.....	44	2	1,344	2,911
St. John's.....	624	171	61,215	95,853
St. John's.....	30	2	32	1,762
St. John's.....	2	.....	.....	133
St. John's.....	899	147	25,028	131,170
Total.....	1,628	322	87,619	202,842

STATEMENT showing the number of Vessels and number of Tons on the Registry
Books of the Dominion of Canada, &c.—Continued.
PROVINCE OF ONTARIO.

Names of Ports.	No. of Vessels.	No. of Shares.	Gross Tonnage, Steamers.	Total Net Tonnage.
Amherstburg	6	2	164	278
Belleville	13	6	478	703
Brockville	33	29	756	894
Collingwood	22	16	2,203	2,063
Chippewa	3	2	263	153
Cramahe	3			350
Chatham	25	16	2,143	2,198
Cobourg	8	3	242	718
Cornwall	1	1	45	30
Darlington	2			253
Dunnville	18	5	616	2,195
Deseronto	3	3	667	500
Goderich	26	10	374	1,642
Hamilton	29	15	6,801	7,104
Kingston	213	64	11,388	26,004
Morrisburg	3	1	54	361
Napanee	20	6	417	2,721
Newcastle	1			158
Oshawa	1			138
Ottawa	172	68	7,828	17,794
Owen Sound	18	16	3,869	2,605
Oakville	5			384
Prescott	14	7	290	1,839
Port Burwell	24	2	132	4,350
Port Dover	21	5	331	1,501
Port Colborne	7	3	125	710
Port Hope	46	28	2,589	4,513
Port Rowan	9	1	168	1,081
Port Stanley	9	6	1,633	1,330
Pictou	35	6	588	4,247
Sarnia	18	11	7,089	5,579
Sault St. Marie	5	5	355	257
St. Catharines	133	54	12,476	25,812
Toronto	134	70	6,921	11,743
Wallaceburg	42	17	1,466	3,114
Windsor	61	15	7,215	6,878
Whitby	1			187
Total	1,184	493	79,686	142,387

PROVINCE OF PRINCE EDWARD ISLAND.

Charlottetown	234	13	3,415	39,213
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PROVINCE OF BRITISH COLUMBIA.

Victoria	95	49	11,567	9,936
New Westminster	20	19	2,010	1,467
Total	115	68	13,577	11,403

PROVINCE OF MANITOBA.

Winnipeg	55	32	5,484	5,723
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STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, &c.—*Concluded.*

SUMMARY.

Names of Ports.	No. of Vessels.	No. of Shares.	Gross Tonnage, Steamers.	Total Net Tonnage.
New Brunswick	1,096	71	10,113	308,132
Nova Scotia	2,942	74	7,775	544,048
Quebec	1,628	322	87,619	202,842
Ontario	1,184	493	79,686	142,387
Prince Edward Island	234	13	3,415	39,213
British Columbia	115	68	13,577	11,403
Manitoba	55	32	5,484	5,722
Total	7,254	1,073	207,669	1,253,747

COMPARATIVE STATEMENT, showing the Number of Vessels and Number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, in each year, from 1873 to 1884.

Provinces.	1873.		1874.		1875.		1876.		1877.		1878.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick.....	1,147	277,850	1,144	294,741	1,133	307,926	1,154	324,513	1,133	329,457	1,142	335,865
Nova Scotia.....	2,803	449,701	2,787	479,669	2,786	505,144	2,867	529,252	2,961	541,579	3,003	553,368
Quebec.....	1,842	214,043	1,837	218,916	1,831	222,965	1,902	228,501	1,951	248,399	1,976	248,349
Ontario.....	681	89,111	815	113,008	825	114,990	889	133,947	926	131,761	958	136,440
Prince Edward Island.....	280	38,918	312	48,388	335	50,677	338	50,692	342	55,547	322	54,250
British Columbia.....	30	4,095	35	3,611	40	3,685	40	3,809	43	3,479	51	4,482
Manitoba.....	.....	.....	.....	.....	2	178	2	178	6	246	17	1,161
Total.....	6,783	1,073,718	6,930	1,158,363	6,952	1,205,565	7,192	1,260,893	7,362	1,310,498	7,469	1,333,015
	1879.		1880.		1881.		1882.		1883.		1884.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick.....	1,135	340,491	1,097	336,976	1,087	333,215	1,065	308,980	1,107	315,906	1,096	308,132
Nova Scotia.....	2,975	552,159	2,977	550,448	3,025	558,911	3,026	546,778	3,037	541,715	2,942	544,048
Quebec.....	1,976	245,025	1,889	223,341	1,830	224,935	1,754	215,804	1,733	216,577	1,628	202,842
Ontario.....	1,006	136,987	1,042	137,481	1,081	139,998	1,112	137,061	1,138	140,972	1,184	142,387
Prince Edward Island.....	298	49,807	288	45,931	273	45,410	248	41,684	241	49,446	234	39,213
British Columbia.....	60	4,701	63	5,049	74	6,296	84	7,637	94	9,046	115	11,403
Manitoba.....	22	1,924	21	1,992	24	2,130	23	2,783	24	2,778	55	5,722
Total.....	7,471	1,332,093	7,377	1,311,218	7,394	1,310,896	7,312	1,260,777	7,374	1,267,394	7,254	1,253,747

of Ports at which Vessels may be Registered, showing the Number of New Vessels Built and Registered, during the year ended 31st December, 1884.

PROVINCE OF NEW BRUNSWICK.

Names of Ports.	Vessels.	Tonnage.	Names of Ports.	Vessels.	Tonnage.
ham.....	6	309	St. John.....	34	11,459
chester.....	1	149	St. Andrews	2	31
cton.....			Sackville.....	1	118
ibucto.....	2	822	Total.....	46	12,888

PROVINCE OF NOVA SCOTIA.

erst.....			Parrsboro'.....	8	2,079
apolis.....	2	272	Pictou	5	3,465
hat.....			Port Medway.....	4	493
ington.....	6	406	Port Hawkesbury.....	4	191
y.....	5	515	Shelburne.....	16	1,282
sboro'.....	4	212	Sydney.....	8	204
fax.....	25	2,757	Truro.....		
rpool.....	6	591	Weymouth.....	3	272
enburg.....	42	4,636	Windsor.....	9	10,484
land.....	6	4,912	Yarmouth.....	25	9,261
			Total.....	178	42,032

PROVINCE OF QUEBEC.

pé.....	1	91	New Carlisle.....	1	23
real.....	9	1,261	Quebec.....	20	2,425
alien Islands.....	1	15	St. John's.....		
			Total.....	32	3,815

PROVINCE OF ONTARIO.

erstburg.....			Picton.....		
ckville.....	1	5	Port Burwell.....	2	106
eville.....			Prescott.....	4	625
tham.....	1	67	Port Dover.....		
ourg.....			Port Hope.....	1	29
ingwood.....	4	77	Port Rowan.....		
swall.....			Port Stanley.....		
ington.....			Sarnia.....		
ronto.....	1	95	Sault Ste. Marie		
erich.....			St. Catharines.....	5	937
ilton.....	1	29	Toronto.....	11	399
gston.....	3	201	Windsor.....	4	208
n Sound.....	3	88	Whitby.....		
wa.....	12	1,161	Wallaceburg.....	5	419
			Total.....	58	4,446

LIST of Ports at which Vessels may be Registered, showing the Number of New
Vessels Built and Registered, &c.—*Concluded.*

PROVINCE OF PRINCE EDWARD ISLAND.

Name of Ports.	Vessels.	Tonnage.
Charlottetown.....	21	5,189

PROVINCE OF BRITISH COLUMBIA.

Victoria.....	10	518
New Westminster.....	5	157
Total.....	15	675

PROVINCE OF MANITOBA.

Winnipeg.....	37	3,366
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SUMMARY.

New Brunswick.....	46	12,868
Nova Scotia.....	178	42,032
Quebec.....	32	3,815
Ontario.....	58	4,446
Prince Edward Island.....	21	5,189
British Columbia.....	15	675
Manitoba.....	37	3,366
	387	73,411

December, 1874 to 1884.

Provinces.	1874.		1875.		1876.		1877.		1878.		1879.		1880.		1881.		1882.		1883.		1884.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick.....	99	42027	65	33483	61	31040	54	31158	56	27368	43	19067	63	18896	57	18259	66	16820	72	21103	46	12888
Nova Scotia.....	175	84480	177	67106	194	58771	219	47980	163	49784	126	39208	109	31257	150	40465	117	26711	202	35765	178	42932
Quebec.....	73	20796	102	22825	51	17800	62	19253	46	10870	29	7421	33	8219	56	5673	26	6786	42	6594	32	3815
Ontario.....	50	10797	53	7760	47	5397	28	3316	30	2409	42	2464	44	3610	54	5111	55	4369	34	4311	58	4446
Prince Edward Island.....	88	24634	83	19838	62	14571	62	17026	38	10382	20	5279	21	3359	15	4351	15	3508	17	5343	21	5189
British Columbia.....	5	276	...	...	1	121	2	204	2	45	5	788	...	...	2	85	8	1631	5	849	15	675
Manitoba.....	...	...	...	...	...	...	3	48	1	15	...	...	1	100	2	116	1	289	2	125	37	3366
Add new vessels built in Canada, which proceeded to the United Kingdom under a Governor's pass without being registered.....	490	183010	480	151012	416	127700	430	118985	339	100973	265	74227	271	65441	336	74060	288	60113	374	74090	387	72411
Add new vessels which left Quebec for registration in Germany.....	6	7746	...	...	3	2721	2	1943	1	633	...	...	...	...	...	...	1	1029	...	...	...	...
Totals.....	496	190756	480	151012	420	130901	432	120928	340	101506	265	74227	271	65441	336	74060	289	61142	374	74090	387	72411

COASTING TRADE OF CANADA.

By the provisions of the Act 33 Vic., cap. 14, respecting the coasting trade of Canada, no goods or passengers can be carried by water from one port in Canada to another, except in British ships, but the Governor in Council may from time to time declare that the Act shall not apply to the ships or vessels of any foreign country in which British ships are admitted to the coasting trade of such country. The Parliament of Canada was empowered to pass the Act alluded to under the provisions of the Imperial Act 32 Vic., cap. 11, intituled: "An Act for amending the law relating to the Coasting Trade and Merchant Shipping in British Possessions," which came into operation in this country on its proclamation by the Governor General, on the 23rd October, 1869.

It having been ascertained that the following countries, viz.: Italy, Germany, Netherlands, Sweden and Norway, Austro-Hungary, Denmark and Belgium, allowed British ships or vessels to participate in their coasting trade on the same footing as their own national vessels, the ships of Italy, by Order in Council of the 13th August, 1873; those of Germany, by Order in Council of the 14th May, 1874; those of the Netherlands, by Order in Council of the 9th September, 1874; those of Sweden and Norway, by Order in Council of the 5th November, 1874; those of Austro-Hungary, by Order in Council of the 1st June, 1876; those of Denmark, by Order in Council of the 25th January, 1877; those of Belgium, by Order in Council of the 30th September, 1879, and those of the Argentine Republic, by Order in Council of the 18th May, 1881, were admitted to the coasting trade of Canada.

REWARDS FOR SAVING LIFE.

In the Supplement will be found a list of persons to whom rewards or testimonials have been granted by the Government of Canada for humane exertions in saving life from Canadian waters, and for generous services in caring for shipwrecked crews, and also of rewards given for saving life on the shores of Canada.

ESTABLISHMENT STAFF AT OTTAWA.

In Appendix No. 27 a statement is given showing the names of the members on the Establishment Staff of the Department at Ottawa, the rank held by each, and the amount of salary they severally received during the fiscal year ended 30th June, 1884.

OUTSIDE SERVICE.

The number of persons employed on the Outside Service on the 31st December, 1884, was as follows.---

Superintendent of Lights and Light-keepers, &c., in Ontario and above Montreal.....	131
Officers of Agency in City of Quebec, and Light-keepers, Fog-whistle Keepers, &c., at and below Montreal, in the Province of Quebec.....	206
Agent, Clerk, Messenger, Superintendent of Light, Light-keepers, Fog-whistle Keepers, Attendants at Humane Establishments, &c., in Nova Scotia.....	207
Agent, Clerk, Messenger, Superintendent of Lights, Light-keepers, Fog-whistle Keepers, &c., in New Brunswick...	82
Agent and Light-keepers in Prince Edward Island	34
Agent and Light-keepers in British Columbia.....	10
Officers and Crews of Dominion Steamers and Vessels.....	167
Inspectors of Steamboats.....	15
Examiners of Masters and Mates, and Clerk to Chairman of Board.....	20
Harbour Police, Montreal and Quebec.....	74
Officers and Servants in Marine Hospitals.....	75
Shipping Masters.....	25
Harbour Masters.....	170
Officers of Observatories, Meteorological Observers, &c., receiving pay.....	96
Receivers of Wreck.....	37
Wharfingers.....	14

Making a total of..... 1,363

For the previous year, prior to the division of the Department, the number was 1,991, including Fisheries officers. In addition to the 1,363 mentioned above, there are 76 Registrars of Shipping, who act under the direction and control of this Department, but are, at the same time, Collectors of Customs at the various Ports of Registration, and receive no salary or fees in their capacity of Registrars. There are 85 Measurers and Surveyors of Shipping at certain ports throughout the Dominion, who act as officers of this Department, and are remunerated from their fees of office, although, in addition to such office, many of them hold a position in the Customs Service. Also, in addition to the above, by Orders in Council of the 21st April and 2nd December, 1874, the Chief Officer of Customs at each port in the Provinces of Quebec, Nova Scotia, New Brunswick, British Columbia and Prince Edward Island,

where no separate Shipping Office has been established, is to be held and deemed a Shipping Master, is to receive the fees, make half-yearly returns to this Department, and act in that capacity under its instructions.

From the above statement it will be seen that there are 96 Officers of Observatories, &c., who receive pay for the performance of their duties, but in addition thereto, there are a large number of Meteorological Observers throughout the Dominion who give their services gratuitously.

I have the honour to be, Sir,

Your most obedient servant,

WM. SMITH,

Deputy Minister of Marine.

DEPARTMENT OF MARINE,

OTTAWA, 1st January, 1885.

APPENDIX No. I

to the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Maintenance of Lights above Montreal, for the Fiscal Year ended 30th June, 1884.

GENERAL ACCOUNT.		\$ cts.	\$ cts.
Strick Harty	12 months salary as Superintendent of Lights	\$1,176 00	
do	12 months superannuation tax	24 00	
do	Travelling expenses	1,200 00	
John Corbett	12 months salary as Inspector	75 00	
H. Noble	do inspecting and fitting up lighthouse apparatus, at \$2 per diem	1,200 00	
do	Travelling expenses	750 00	
Unity House, London	To pay for chamois, sponges, etc	224 10	
S. Shaw & Co.	Burners, wicks, collars, etc	747 89	
The Visitor "	Advertising for tenders for supply steamer, etc	493 95	
Petroleum "Advertiser"	do	2 90	
Mail "Printing Co.	do	2 32	
Gazette" do	do	21 45	
Sex "Review"	do	10 50	
Evening Telegram"	do	5 94	
National Newspaper "	do	5 94	
London "Free Press"	do	6 70	
Canadian "Printing Co	do	17 08	
Kingston "News"	do	9 16	
Spectator" Printing Co	do	2 90	
Le Monde"	do	2 90	
La Minerve"	do	8 60	
British Canadian"	do	8 60	
Journal" Printing Co.	do	2 90	
Ill "Depatch"	do	2 90	
Derich "Star"	do	3 80	
Madon "Herald"	do	3 80	
Intelligencer" Printing	do	3 80	
do	do	3 80	
Courier" Print'g House	do	3 80	
Elph "Herald"	do	3 80	
S. Foley	do	3 80	
Five Stock Journal"	do	3 80	
Herring	do	6 08	
The Shareholder"	do	7 60	
Protectionist"	do	3 80	
Elph Dussault	do	3 80	
Adas "Standard"	do	3 80	
Gun Publishing Co"	do	5 10	
World Printing Co"	do	3 80	
Atford "Times"	do	3 80	
Evening Canadian"	do	3 80	
Lin "News"	do	3 80	
Edford "Witness"	do	3 80	
Ron "News Record"	do	3 80	
atham "Planet"	do	6 84	
Manoque "Journal"	do	3 04	
Kdale "News"	do	3 80	
Onto "Sentinel"	do	3 80	
R. Robertson	do	3 80	
Standard" Printing Co	do	3 80	
J. Stanel	do	3 80	
G. Conger Bros	do	3 04	
Standard" Publishing	do		
do	do	3 80	
White & Son	do	3 80	
Odstock "Times"	do	3 04	
John "Daily News"	do	4 50	

Carried forward 4,932 17

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$ cts	\$ cts
	Brought forward	4,932 17	
	GENERAL ACCOUNT— <i>Concluded.</i>		
Monetary "Times"	Advertising for tenders for supply steamer, etc.,...	3 80	
Montreal "Pilot"	do do	3 80	
E. Divine & Co.	do do	3 80	
J. B. Traves	do do	3 80	
J. G. Gingras et Cie.	do do	3 40	
W. P. Anderson	Travelling expenses	200 53	
P. Baskerville & Co.	Brooms, barrels, etc.	136 50	
A. Rosenthal	2 marine clocks	10 75	
Gault Bros. & Co.	Towels, flannel, cotton, etc.	296 49	
R. & W. Warminton	Lanterns, globes and burners	89 94	
William Howe	Room paper, chamois, etc.	34 45	
Fenwick & Sclater	Rope, canvas, life preservers, etc.	186 87	
McDougall, Logie & Co.	201 gallons oil at 57½c., \$115.58; paint, \$320.25...	435 83	
Kenneth, Campbell & Co.	Oil, alcohol, varnish, etc.	103 73	
H. St. A. Ormond	Paid freight and cartage	80 18	
C. C. Snowdon & Co.	Glaziers' diamonds, rope, scissors, etc.	489 28	
Imperial Oil Co.	7,511.56 gallons oil at 24½c	\$1,840 33	
do	5,207.35 do at 23½c	1,223 73	
		3,064 06	
A. D. Mackay	50 tons coal, bagged, at \$8.75, \$437.50; 2 tons soft coal at \$7.75, \$15.50	453 00	
Union Glass Co.	Chimneys	471 02	
Blyth & Kerr	Coal stoves, boxes, tin, rope, etc.	154 90	
J. Roche	40 oil tanks	586 13	
E. R. Carpenter	Paint brushes and chamois	20 63	
James Redden	13 barrels lime	18 85	
T. Long & Bro	Lumber	49 43	
A. H. Johnson	Chamois	6 48	
M. Murphy	Paint, pitch, oakum, etc.	7 41	
L. C. Barney	Plate glass	119 38	
Canadian Pacific Railway	Freight on glass, etc.	23 00	
Merchants' Bank	To pay John Corbett's draft, travelling expenses ...	100 00	
Ove Lange	Patent fog-horns	81 00	
R. O. Mackay	Charter of steamer "Celtic" to deliver lighthouse supplies	\$2,375 00	
do	2½ days' demurrage	62 50	
		2,437 50	
F. O. Vallerand	10 fog-horns	257 65	
J. A. Robertson	Travelling expenses	9 70	
W. A. Owen	do	23 75	
Kearns & Ryan	Towels	5 63	
H. Meadows & Co.	Iron pails, etc.	5 40	
E. B. Eddy	14 cases matches	59 50	
British American Bank			
Note Co	Printing cheque books	59 50	
John O'Neil	Storage of two lights	4 20	
E. Chanteloup	Burners, repairing reflectors, etc.	155 60	
A. W. Jones	2 pairs oars	5 00	
G. T. O. Elwell	Sponges	1 50	
Harrison & Son	Marine glasses	116 80	
George Campbell	Maintenance of Colchester Reef Lightship during season 1883	1,440 00	
Inland Revenue Dept. ...	1 pyrometer	31 00	
A. Workman	Oil, rope, etc.	51 38	
Duff & Gatfield	Services keeping signals at Lime Kiln Crossing, and showing depth of water during 1883	500 00	
H. G. Roche	5 oil tanks	73 27	
C. C. Ray	Express charges on oil	2 00	
G. A. Harris	Freight	114 90	
Clifton Manufacturing Co.	1 gross magic wick trimmers	30 00	
H. Allan & Co	Towels, etc.	5 79	
Stewart & Fleck	Frames, holders and screws	35 40	

Carried forward 17,596 08

STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—Continued.

		\$ cts.	\$ cts.
	Brought forward.....	17,596 08	
Canada Atlantic Railway	Freight on fog-horn, lantern, etc.....	4 83	
Beam Gauge & Lantern Co.	Burners.....	5 71	
R. Esmonde.....	Gas measures.....	3 85	
on. J. Simpson.....	Maintaining Light at Port Darlington Pier during season 1884.....	100 00	
Fairman & Co.	Cast steel sash cord, etc.	21 00	
ance Bros. & Co.....	2 anchor lights and glass.....	405 75	
ames Byrnes.....	Cartage.....	4 00	
ayor of Kingston	Lighting City Clock during 1883, keeper's salary.....	\$100 00	
do	Share of gas.....	288 13	
		388 13	18,529 35
	<i>Bar Point Lightship.</i>		
hn Manson	12 months salary as Lightkeeper.....	\$495 63	
do	do superannuation tax.....	4 37	
		500 00	
hn Manson	Allowance towards pay for assistant.....	50 00	
do	Paid for towage of Light-ship, getting up chain, placing vessel and travelling expenses.....	43 45	
D. Edwards & Co.....	Rope, oakum, pump, etc.....	113 59	
M. Jones.....	Hire of tug "Kincardine".....	40 00	
ringwells Dry Dock Co.	Dockage, caulking, etc.....	147 50	
g "Hercules"	Towage.....	30 00	
il Printing Co.	Advertising notices to mariners.....	6 00	
Manson.....	Boating lamp from Detroit.....	4 00	
Menzies.....	do do.....	4 00	
Hackett.....	do do.....	4 00	
mes Menzies.....	2 days work as carpenter.....	5 00	
adian Express Co. ...	Charges on lantern.....	6 10	
o. Middleditch.....	Shackle keys, iron chain, etc.....	62 16	
W. O'Rourke.....	Carpenters and caulkers repairs.....	35 00	
D. Buck.....	Chisel, nails, etc.....	5 08	
City of Dresden".....	Towing and placing.....	60 00	
rk & Borrowman.....	Use of booms, dockage, etc.....	39 00	
			1,154 88
	<i>Batchewana Bay.</i>		
idrew Crawford	12 months salary as Light-keeper.....		350 00
	<i>Battle Island.</i>		
S. McKay.....	12 months salary as Light-keeper.....	\$493 75	
do	do superannuation tax.....	6 25	
			500 00
	<i>Beauharnois.</i>		
seph Meloche	12 months salary as Light-keeper.....	222 19	
do	do superannuation tax.....	2 81	
			225 00
	<i>Belleville.</i>		
hn Covert	12 months salary as Light-keeper.....	\$197 50	
do	do superannuation tax.....	2 50	
		200 00	
hn Corbett	On account of repairs.....	50 00	
W. Walker.....	Nails, screws, etc.....	13 47	
thbun & Co	Shingles, culls, etc.....	50 08	
			313 55
	Carried forward.....		21,072 78

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			21,072	78
	<i>Bois Blanc.</i>				
Andrew Hackett.....	12 months salary as Light-keeper.....	\$829	56		
do	do superannuation tax.....	5	44		
			835 00		
do	Paid for curtain cord and conveyance of oil.....		3 92		
				838	92
	<i>Brown or Knapp's Point.</i>				
Patrick McAvoy	12 months salary as Light-keeper.....	\$148	13		
do	do superannuation tax.....	1	87		
			150 00		
do	Paid for material for stable.....		40 00		
				190	00
	<i>Burlington Beach.</i>				
Thomas Campbell.....	12 months salary as Light-keeper.....	\$296	25		
do	do superannuation tax.....	3	75		
			300 00		
do	Paid for 2 cords of wood.....		10 00		
Joseph Stonehem..	Plastering ceiling.....		12 00		
				322	00
	<i>Burnt Island</i>				
C. Turcotte.....	12 months salary as Light-keeper.....	\$246	88		
do	do superannuation tax.....	3	12		
			250 00		
do	Paid for lumber.....		5 00		
				255	00
	<i>Byng Inlet.</i>				
Maganetewan Lumber Co.	Attending Light, from 1st Jan to 30th April, 1883..		83 33		
do ..	Lumber.....		27 60		
James Milne.....	10 months and 16 days salary as Light-keeper, to 16th May, 1884.....		219 43		
Jos. Lamondin.....	Salary from 17th May to 30th June, 1884, as Light- keeper.....		30 57		
				360	93
	<i>Campbell Island.</i>				
Alex. Wilson.....	12 months salary as Light-keeper.....	\$148	13		
do	do superannuation tax.....	1	87		
			150 00		
R, Wilson	Painting.....		25 00		
Dey Bros.	Boat and cartage		27 50		
				202	50
	<i>Chantry Island.</i>				
W. McG. Lambert.....	12 months salary as Light-keeper.....	\$444	37		
do	do superannuation tax.....	5	63		
			450 00		
do	Paid for storm sash, repairs to boat-house, etc.....		37 30		
T. McG. Lambert.	Shingling, etc.....		10 50		
D. Robertson	Repairs to wire-rope protection		217 65		
				715	45
	Carried forward.....			23,957	58

STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			23,957	58
<i>Cherry Island.</i>					
Edward S. Johnson.....	Salary for July and Aug. as Light-keeper	\$73	62		
do	Superannuation tax do do ...	0	88		
			74	50	
Mac Johnson	10 months salary to 30th June, 1884, as Light-keeper		250	00	
C. Barney	Plate glass		46	00	
Cameron	Amount of contract		821	00	
M. Campbell	Advertising for tenders		2	50	
Chanteloup.....	Cast iron lantern, blinds, etc.		341	92	
McGrier	Inspecting		90	02	
H. Noble.....	Travelling expenses.....		8	45	
				1,634	39
<i>Christian Island.</i>					
W. Hoar	12 months salary as Light-keeper.	\$429	69		
do	do superannuation tax.....	5	31		
			435	00	
do	Paid on account, building pier		140	00	
				575	00
<i>Clapperton Island.</i>					
B. Baker	12 months salary as Light-keeper.		345	63	
do	do superannuation tax.....		4	37	
				350	00
<i>Cobourg.</i>					
Robert Gordon.....	Taking charge of light from 28th May, 1883, to 31st March, 1884		84	41	
do	Paid freight on oil, oil tank, etc.....		34	22	
E. Barbour	Erecting oil-shed, lamps, etc.		110	00	
				228	63
<i>Cole Shoal.</i>					
J. Rawsam	9 months salary to 31st March, 1884, as Light-keeper		187	50	
P. Boyd	3 do to 30th June, 1884, do ...		62	50	
A. Corbett.....	Travelling expenses.....		23	50	
P. Anderson	do		14	80	
Rathbun Co.....	Lumber		231	25	
W. England	Repairing pier		165	00	
E. Stacey	Hardware, nails, screws, etc.....		26	03	
H. Harrison	Covering deck of light.....		25	00	
				735	53
<i>Collingwood.</i>					
Frederick Lockerbie.....	12 months salary as Light-keeper		200	00	
do	Paid for carpenter's work and freight on lantern ...		19	67	
John Doherty	Oars		10	50	
W. Henderson	Ruby glass, chain, manilla rope, etc.....		8	67	
W. & Haultain	1 box stove.....		10	50	
W. & Haultain	Repairing 2 boats		39	79	
				289	13
<i>Côteau Island.</i>					
J. Prieur.....	12 months salary as Light-keeper			140	00
	Carried forward.			27,910	31

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			27,910	31
	<i>Colchester Reef.</i>				
Huron "News Record".	Advertising for tenders		3 64		
T. A. Anderson.....	do		2 24		
Chatham "Planet"	do		2 90		
"The Visitor"	do		2 80		
St. Thomas "Times"	do		2 80		
Ridgetown "Standard"	do		2 80		
London "Herald"	do		2 24		
Owen Sound "Times"	do		2 24		
Pictou "Gazette"	do		2 24		
G. Campbell.....	Signal lamps and shades	52	00		
F. B. Hackett	Express charges on 2 lanterns	8	55		
				85	01
	<i>Deep River Island.</i>				
Owen Smith.....	12 months salary as Light-keeper.....	100	00		
do	Freight of supplies.....	3	11		
				103	11
	<i>Dorval.</i>				
Benjamin Gloude.....	12 months salary as Light-keeper.....	\$296	25		
do	do superannuation tax.....	3	75		
				300	00
E. Chanteloup.....	Burners, oil cups, repairs to lamps, etc.....		23 63		
T. Desmarais.....	Boat and oars.....		17 00		
H. St. A. Ormond.....	Paid freight on boat, etc.....		2 00		
T. Duchesneau	2 cords wood		10 00		
T. Brunet.....	Repairing railing.....		13 34		
				365	97
	<i>False Ducks.</i>				
F. Swetman.....	12 months salary as Light-keeper.....	\$429	69		
do	do superannuation tax.....	5	31		
				435	00
do	Paid for chimneys, freight and cartage.....		5 60		
				440	60
	<i>French River.</i>				
Edward Borron, jun.....	12 months salary as Light-keeper.....	\$493	75		
do	do superannuation tax.....	6	25		
				500	00
do	Paid freight on skiff and lamp.....		5 60		
William Watts.....	Boat, skiff and oars.....		162 50		
				668	10
	<i>Frenchman's Bay.</i>				
John Leng	12 months salary as Light-keeper.....		100 00		
C. Dale.....	Hardware.....		56 59		
				156	59
	<i>Gananoque Narrows.</i>				
Cornelius Cook.....	12 months salary as Light-keeper.....	474	00		
do	do superannuation tax	6	00		
				480	00
	Carried forward.....			30,209	61

STATEMENT of Expenditure on account of Maintenance of Lights above Montreal, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward			30,209	69
	<i>Gibraltar Point.</i>				
George Durnan.....	12 months salary as Light-keeper.....	\$529	69		
do	do superannuation tax.....	5	31		
			535	00	
Heeler & Bain.....	Smoke stack.....		8	50	
M. Morphy.....	Repairs to fog-bell.....		8	00	
				551	50
	<i>Gin Rock.</i>				
William Baxter.....	12 months salary as Light-keeper.....	\$295	63		
do	do superannuation tax.....	4	37		
			300	00	
do	Paid for painting.....		6	00	
do	do boat hire for season 1883.....		10	00	
				316	00
	<i>Glengarry or Stonehouse Point.</i>				
W. K. McLachlin	12 months salary as Acting Light-keeper.....		200	00	
K. McLachlin.....	Building fence and boathouse		57	18	
				257	18
	<i>Goderich.</i>				
W. N. McDonald.....	12 months salary as Light-keeper.....	\$395	00		
do	do superannuation tax.....	5	00		
			400	00	
do	Paid for repairing breakwater.....		79	41	
Marlton.....	Boat, *36; repairs to walk, \$52.82		88	82	
Saunders & Son.....	Stepladder, alcohol, etc.....		19	70	
Chanman, Lawson & Robertson	Lumber.....		13	84	
				601	77
	<i>Gore Bay</i>				
Robert Boyter.....	3 months salary, to 30th Sept., 1883, as Light-keeper	\$ 61	72		
do	do superannuation tax.....	0	78		
			62	50	
do	9 do salary, to 30th June, as Light-keeper.....	\$259	23		
do	do superannuation tax	3	28		
			262	51	
H. Jackson.....	Ladder.....		8	00	
Olmstead.....	Pickaxe.....		1	50	
Finch Bros. & Co.....	Lighting apparatus.....		105	85	
				440	36
	<i>Great Duck Island.</i>				
William Purvis	12 months salary as Light-keeper.	\$493	75		
do	do superannuation tax.....	6	25		
			500	00	
do	Paid for building dock, etc		100	00	
				600	00
	<i>Green Shoal.</i>				
Frederic Laberge.....	12 months salary as Light-keeper	\$247	00		
do	do superannuation tax.....	3	00		
			250	00	
do	Paid freight and wharfage on oil		2	50	
				252	50
	Carried forward.....			33,229	00

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			38,229	00
	<i>Grenadier Island.</i>				
Albert Root	12 months salary as Light-keeper	246	88		
do	do superannuation tax	3	12		
				250	00
	<i>Griffith's Island.</i>				
G. W. Patterson	12 months salary as Light-keeper	\$345	00		
do	do superannuation tax.....	5	00		
			350	00	
do	Paid for painting tower, repairing boat, etc		53	50	
				403	50
	<i>Grosse Point.</i>				
William Shannon	12 months salary as Light-keeper.....	\$429	69		
do	do superannuation tax.....	5	31		
			435	00	
George Shannon.....	do salary as assistant.....	\$172	81		
do	do superannuation tax.....	2	19		
			175	00	
A. McCorkell	Boat and oars		58	00	
A. Clark	2 cords wood.....		8	00	
				676	00
	<i>Gull Island.</i>				
Robert Roddick	12 months salary as Light-keeper	\$493	75		
do	do superannuation tax.....	6	25		
			500	00	
do	Paid for painting and freight		13	36	
John Corbett	To pay workmen at repairs, etc.		1,205	00	
J. S. Leverich.....	Square timber		917	00	
J. W. Wallace.....	Flooring		20	75	
T. Leonard	Tools for carpenters		30	04	
J. S. Leverich	Lumber		90	71	
John Balts.....	Towing lumber.....		62	50	
J. A. Brown & Co	4 tons coal, at \$6.....		24	00	
				2,863	36
	<i>Hamilton's Island.</i>				
John Hamilton	12 months salary as Light-keeper			120	00
	<i>Head of Deschene Rapids.</i>				
M. Murphy	12 months salary as Light-keeper		100	00	
do	Paid for paint, repairs to boat, etc.....		16	79	
				116	79
	<i>Hope Island.</i>				
"Northern Advance" ..	Advertising for tenders				4 06
	<i>Isle of Coves.</i>				
George Currie.....	12 months salary as Light-keeper	\$637	00		
do	do superannuation tax.....	13	00		
			650	00	
do	Paid for whitewashing, etc		95	00	
				745	00
	Carried forward.....			38,407	71

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			38,407	71
	<i>Isle Perrot.</i>				
Robillard.....	12 months salary as Light-keeper	60	00		
do	Paid for paint for boat	4	25		
Sheridan.....	Erecting pier.....	276	00		
St. A. Ormond	Inspecting foundation	8	40		
				348	65
	<i>Killarney.</i>				
R. de Lamorandière...	9 months salary as Light-keeper at \$350				
	per annum.....	\$259	20		
do ...	do superannuation tax	3	27	262	47
do ...	3 do salary as Light-keeper, at \$400				
	per annum.....	\$98	75		
do ...	do superannuation tax	1	25		
				100	00
Doherty	Boat with oars	40	00		
				402	47
	<i>Kincardine.</i>				
m. Kay.....	3 months salary as Light-keeper	\$73	90		
do	do superannuation tax.....	1	10	75	00
do	9 do salary	\$259	23		
do	do superannuation tax.....	3	77	262	50
				15	00
do	Allowance for fuel			35	78
do	Paid for freight, teaming lumber, ladder, lantern				
	and taking down apparatus			2	05
Sturgeon	Chimneys			3	46
S. Greenhill.....	Red lead and hooks			8	15
nada Atlantic Ry	Freight on apparatus			5	90
Stephen Bros.....	Red glass			16	07
J. Evans	Lumber.....			5	50
George Bailly	100 ft. galvanized rope.....				
				429	41
	<i>Lachine Pier and Lake St. Louis Lightship No. 1.</i>				
Charles Leger	12 months salary as Light-keeper on pier	\$197	50		
do	do superannuation tax.....	2	50	200	00
non Meloche.....	do salary as Light-keeper.....	\$246	88		
do	do superannuation tax	3	12	250	00
do	Allowance for fuel, 1883-84.....			8	00
Chanteloup.....	Burners			2	69
Desmarais.....	Boat and oars			17	00
Chapman.....	Repairing davits			2	67
es Bros. & Co.....	45 fathoms chain.....			162	60
Ramsay & Sons	Metallic iron, oil, etc			14	51
St. A. Ormond.....	Paid for travelling expenses, freight, cartage and				
	repairs to boat.....			34	11
				691	58
	<i>Lake St. Louis Lightship No. 2.</i>				
ie Taillefer,	12 months salary as Light-keeper.....	\$296	25		
do	do superannuation tax.....	3	75		
				300	00
do	Allowance for fuel, 1884			8	00
Chanteloup.....	Burners and reservoirs			36	50
				344	50
	Carried forward.....			40,279	82

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$	cts	\$	cts.
	Brought forward.....			40,279	82
	<i>Lake St. Louis Lightship No. 2—Concluded.</i>				
T. Chapman.....	Repairing davits.....		2 67		
A. Paré.....	Hire of tug "Humber," for towing.....		23 00		
John Findlay.....	Stove, etc.....		9 80		
A. Ramsay & Son.....	Metallic irons, oil, etc.....		14 51		
H. St. A. Ormond.....	Travelling expenses, paid blacksmith, etc.....		45 36		
				439	84
	<i>Lake St. Louis Lightship No. 3.</i>				
Olivier Veaudry.....	12 months salary as Light-keeper.....	\$296	25		
do.....	do superannuation tax.....		3 75		
			300 00		
do.....	Allowance for fuel for 1884.....		8 00		
T. Chapman.....	Repairing davits.....		2 66		
A. Ramsay & Son.....	Metallic irons, oil, etc.....		14 51		
H. St. A. Ormond.....	Travelling expenses.....		25 10		
				350	27
	<i>Lamb Island.</i>				
W. T. Richards.....	12 months salary as Light-keeper, to 30th June, 1884.....		400 00		
do.....	Salary from 1st April to 30th June, 1883.....		75 00		
				475	00
	<i>Lancaster Bar.</i>				
George H. Johnson.....	12 months salary as Light-keeper.....		321 88		
do.....	do superannuation tax.....		3 12		
				325	00
	<i>Lancaster Pier.</i>				
T. H. Hill.....	12 months salary as Light-keeper.....	\$296	25		
do.....	do superannuation tax.....		3 75		
			300 00		
do.....	Paid for repairs to roof.....		13 84		
				313	84
	<i>Leamington.</i>				
F. H. C. Conover.....	12 months salary as Light-keeper.....			150	00
	<i>Lindoe Island.</i>				
J. G. Wallace.....	12 months salary as Light-keeper.....		246 25		
do.....	do superannuation tax.....		3 75		
				250	00
	<i>Little Current.</i>				
D. McKenzie.....	12 months salary as Light-keeper.....		345 63		
do.....	do superannuation tax.....		4 37		
				350	00
	<i>Lonely Island.</i>				
D. Solomon.....	12 months salary as Light-keeper.....		444 37		
do.....	do superannuation tax.....		5 63		
				450	00
	Carried forward.....			43,383	77

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward.....		43,383 77
	<i>Long Point, E. End.</i>		
H. Woodward.....	12 months salary as Light-keeper.....	429 69	
do	do superannuation tax.....	5 31	
			435 00
	<i>Long Point, W. End, Port Rowan.</i>		
E. Dickinson.....	12 months salary as Light-keeper.....	405 00	
do	do superannuation tax.....	5 00	
			410 00
	<i>L'Orignal.</i>		
G. Campbell.....	12 months salary as Light-keeper.....	100 00	
do	Paid for repairs to oil tanks, etc.....	4 15	
			104 15
	<i>Manitoulin Island.</i>		
William Cullis.....	12 months salary as Light-keeper.....	\$694 37	
do	do superannuation tax.....	5 63	
		700 00	
do	Paid for crib-work, cedar bark, etc.....	79 00	
Wm. Scougall.....	do pony engine, etc.....	280 00	
			1,059 00
	<i>Meaford.</i>		
Samuel Dutcher	12 months salary as Light-keeper.....		137 50
	<i>McKie's Point.</i>		
Alex. McDonald	12 months salary as Light-keeper.....	172 81	
do	do superannuation tax.....	2 19	
			175 00
	<i>McKillop's Point, Port Lewis.</i>		
Samase Caza.....	12 months salary as Light-keeper.....		115 00
	<i>McTavish Point.</i>		
Joseph Geegan	12 months salary as Light-keeper.....	100 00	
do	Paid freight and cartage.....	5 65	
			105 65
	<i>Michael's Point.</i>		
W. Chisholm	12 months salary as Light-keeper.....	250 00	
do	Arrears of salary for June, 1883.....	20 83	
			270 83
	<i>Michipicoten Island.</i>		
I. Davieau.....	12 months salary as Light-keeper.....	394 37	
do	do superannuation tax.....	5 63	
			400 00
	<i>Middle Island.</i>		
S. Brown	12 months salary as Light-keeper.....	148 13	
do	do superannuation tax.....	1 87	
			150 00
	Carried forward.....		46,745 90

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			46,745	90
	<i>Mohawk Island.</i>				
R. H. Smithers.....	12 months salary as Light-keeper.....	405	00		
do	do superannuation tax.....	5	00		
				410	00
	<i>Muskoka or Fox Island.</i>				
J. C. Darke.	3 months salary as Light-keeper, to 30th September, 1883.....	\$61	72		
do	9 do superannuation tax.....	0	78		
			62	50	
Henry Darke.....	do salary as Light-keeper, to 30th June, 1884.....	\$186	72		
do	3 do superannuation tax, to 31st December, 1883.....	0	78		
			187	50	
do	Allowance for fuel, 1883-84.....		25	00	
Imperial Oil Co.....	177-24 gallons oil, at 23½ cents		41	65	
T. Ellis.....	Freight on oil, etc.....		8	50	
A. & J. Edgar.....	Oil, white lead, etc.....		29	15	
				354	30
	<i>Mississauga Island.</i>				
H. Abbott.....	Hire of tug "Dufferin," conveying John Corbett to Island.....			12	50
	<i>Nine Mile Point.</i>				
Albert Dunlop.....	12 months salary as Light-keeper.....	395	63		
do	do superannuation tax.....	4	37		
				400	00
	<i>Nottawasiga.</i>				
George Collins	12 months salary as Light-keeper	\$588	00		
do	do superannuation tax.....	12	00		
			600	00	
do	On account of repairs.....		75	00	
do	Paid for making flag and repairs to boat		78	04	
T. Long & Bros.....	Flag		6	24	
Toner & Gregory.....	3 cords wood.....		16	50	
				775	78
	<i>Oakville Pier.</i>				
R. K. Chisholm.....	12 months salary as Light-keeper.....	197	50		
do	do superannuation tax	2	50		
				200	00
	<i>Owen Sound (Presqu' Isle.)</i>				
John McKenzie	12 months salary as Light-keeper.....			100	00
	<i>Owen Sound.</i>				
G. S. Miller....	12 months salary as Light-keeper.....	\$148	13		
do	do superannuation tax	1	87		
			150	00	
do	Paid for iron ladder		4	00	
Wm. Dunn.....	Repairing boat		7	00	
C. Fox	Inspecting range lights.....		65	00	
J. Andrew.....	Lumber		30	50	
F. Brown	Balance contract for building range lights.....		264	50	
				521	00
	Carried forward.....			49,519	48

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			49,519	48
	<i>Pele Island.</i>				
James Cummins.....	12 months salary as Light-keeper.....	\$431	01		
do	9 do superannuation tax, to 31st March, 1884.....	3	99		
			435	00	
do	Paid for glass.....		2	00	
				437	00
	<i>Penetanguishene.</i>				
V. A. Thompson	12 months salary as Light-keeper.....			150	00
	<i>Pigeon Island.</i>				
rs. J. W. Davis.....	Salary as Acting Light-keepr, from 1st July, 1883, to 14th February, 1884.....		187	50	
Richard Davis.....	Salary as Light-keeper, from 15th February, 1884, to 30th June, 1884.....		112	50	
rs. J. W. Davis.....	Paid for 2 cords of wood, \$10.00; and repairs to clock, \$1.00.....		11	00	
ogan & Briceland.....	Lumber, shingles, etc.....		26	16	
mbrose Davis.....	Freight on shingles.....		15	00	
				352	16
	<i>Pointe à Cadieux.</i>				
élix Valois.....	12 months salary as Light-keeper.....	\$197	50		
do	do superannuation tax.....	2	50		
			200	00	
do	Paid for oil, pail, zinc, etc.....		1	40	
Desjardins.....	Covering dome.....		20	02	
				221	42
	<i>Pointe aux Anglais.</i>				
Charlebois.....	12 months salary as Light-keeper.....		197	50	
do	do superannuation tax.....		2	50	
				200	00
	<i>Pointe aux Pins.</i>				
Henry Wood.....	15 months salary as Light-keeper, from 1st April, 1883, to 30th June, 1884.....			250	00
	<i>Point Clark.</i>				
Small.....	3 months salary as Light-keeper, to 30th June, 1883		100	00	
John Rae.....	12 do do to 30th June, 1884		400	00	
eo. Sturgeon.....	Galvanized iron, pails, lantern, etc.....		17	15	
Black.....	Repairing lamp.....		1	25	
E. Enright.....	Iron pipes.....		3	10	
S. Shaw & Co.....	Wicks, etc.....		0	90	
S. Greenhill.....	Lock, putty and nails.....		2	13	
eo. Sturgeon.....	47 gallons oil.....		16	45	
				540	98
	<i>Point Claire Lightship No. 1.</i>				
oise Leclerc.....	12 months salary as Light-keeper.....	\$296	25		
do	do superannuation tax.....	3	75		
			300	00	
H. Noble.....	Inspecting apparatus.....		60	85	
Desmarais.....	Boat and oars.....		17	00	
Chanteloup.....	Burners.....		2	40	
				380	25
	Carried forward.....			52,051	29

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			52,051	29
<i>Point Pelee Reef.</i>					
Wm. A. Grubb	12 months salary as Light-keeper	\$493	75		
do	do superannuation tax	6	25		
				500	00
Wm. Rolf	Rope, iron and spikes			30	70
S. Sidwell	Repairing boat			7	00
T. McCormack	Freight on steel rope			5	20
T. Smith	Iron capstan			12	00
C. McIntyre	Repairs to capstan			3	60
					558 50
<i>Point Peter.</i>					
Jas. Burlingham	12 months salary as Light-keeper	395	00		
do	do superannuation tax	5	00		
					400 00
<i>Point Pleasant.</i>					
John Prinyer	12 months salary as Light-keeper	\$296	25		
do	do superannuation tax	3	75		
				300	00
do	Wire fence			94	25
					394 25
<i>Porphyry Point.</i>					
Andrew Dick.	12 months salary as Light-keeper	395	00		
do	do superannuation tax	5	00		
					400 00
<i>Port Burwell.</i>					
A. Sutherland	12 months salary as Light-keeper	222	50		
do	do superannuation tax	2	50		
					225 00
<i>Port Colborne.</i>					
D. H. A. Fortier	12 months salary as Light-keeper	\$495	00		
do	do superannuation tax	5	00		
				500	00
S. Shickluna ..	Repairing steps, 2 pairs of oars, etc.			11	30
Dickenson & Suess ..	do boat			6	90
Haun & Matthews ..	6 cords wood			30	00
Carrier, Laine & Co.	Pump			80	00
Neff & Misener	Fitting up pump			7	90
H. R. Cuddon	Repairing marine clock			1	40
John Matthews	Paint			2	12
John Elsenhaus	Blacksmith's work			3	10
S. Burrow	Putting up pipes, etc			13	40
					656 12
<i>Port Credit.</i>					
Alex. Blakely	12 months salary as Light-keeper	150	00		
do	Arrears of salary from 10th May to 30th June, 1883.	21	25		
					171 25
	Carried forward.			54,856	41

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		54,856 41
	<i>Port Dalhousie.</i>		
David Hunter	12 months salary as Light-keeper	\$345 63	
do	do superannuation tax	4 37	
		350 00	
R. Millar	Building sidewalk	226 66	
Coy Bros.	Hinges and screws	2 90	
W. McCraney & Son	Lumber	25 76	
			605 32
	<i>Port Dover.</i>		
Henry Morgan	12 months salary as Light-keeper	256 75	
do	do superannuation tax	3 25	
			260 00
	<i>Port Maitland.</i>		
Fergus Schofield	12 months salary as Light-keeper	\$345 63	
do	do superannuation tax	4 37	
		350 00	
do	Paid for repairs to railing	7 00	
J. H. Wiley	Painting	35 00	
			392 00
	<i>Port Stanley.</i>		
Charles Ead	12 months salary as Light-keeper	296 25	
do	do superannuation tax	3 75	
			300 00
	<i>Presque 'Isle (Main Light).</i>		
W. H. Sherwood	12 months salary as Light-keeper	\$370 31	
do	do superannuation tax	4 69	
		375 00	
C. Loomis	Lumber	13 00	
C. B. Kemp	Shingles and nails	38 40	
Allison & Alcorn	Professional services <i>re</i> suit for trespass, Attorney- General vs. Beigle	47 51	
B. E. Shewman	Boat and oars	25 00	
W. D. Simmington	Hardware	2 47	
			501 38
	<i>Prince Arthur's Landing.</i>		
John Cooper	12 months salary as Light-keeper		200 00
	<i>Range Light and Buoys.</i>		
G. B. Simpson	Salary as Light-keeper for July and August, 1883, at \$375 per annum ..	\$61 72	
do	Superannuation tax	0 78	
		62 50	
do	Salary from 1st Sept., to 30th June, 1884.	390 88	
do	Superannuation tax	4 93	
		395 81	
			458 31
	Carried forward		57,573 42

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			57,573	42
	<i>Red Rock, Parry Sound.</i>				
A. A. Lawson	12 months salary as Light-keeper	\$394	37		
do	do superannuation tax	5	63		
			490	00	
John Corbett	On account repairs		670	00	
J. W. Fitzgerald	Lumber and planing		59	50	
P. Doherty	Balance for boat		50	00	
Mulholland & Brown	Hardware, paint, etc		154	73	
Wm. Beatty	Iron roofing, etc		239	67	
C. L. White	Putting sheeting on dwelling		27	01	
Cameron & Moberly	Winch irons		34	90	
				1,635	81
	<i>River Thames.</i>				
Mrs. Thos. Cartier	12 months salary as Acting Light-keeper			435	00
	<i>Rondeau Harbor.</i>				
Thomas Harrison	12 months salary as Light-keeper	\$395	00		
do	do superannuation tax	5	00		
			400	00	
Laing & Ruth	Repairs to stove pipe		2	40	
J. McMaster & Co.	Eye bolts, staunchions, etc		52	47	
W. H. Noble	Wire rope railing		47	65	
Rice, Lewis & Son	Wire rope		57	28	
				559	80
	<i>Ste. Anne du Bout de L'Isle, No. 1.</i>				
Antoine Caron	12 months salary as Light-keeper			60	00
	<i>Ste. Anne du Bout de L'Isle No. 2.</i>				
T. de Repentigny	12 months salary as Light-keeper		100	00	
do	Paid for repairs to boat		8	25	
				108	25
	<i>Ste. Placide.</i>				
Charles Gauthier	12 months salary as Light-keeper			100	00
	<i>Salmon Point.</i>				
Lewis Hudgins	12 months salary as Light-keeper	\$296	25		
do	do superannuation tax	3	75		
			300	00	
do	Paid freight on lamp, etc		2	63	
Stephens Bros	Red glass		3	00	
Ottawa Plating Works ..	Plating reflectors		12	00	
				317	63
	<i>Saugeen Beacon.</i>				
Murdock McLeod	Salary as Light-keeper, from 3rd September, 1883, to 30th June, 1884		66	22	
Imperial Oil Co	44'41 gallons oil, at 23½ cts		10	44	
				76	66
	Carried forward			60,866	57

**STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—Continued.**

		\$	cts	\$	cts.
	Brought forward.....			60,866	57
	<i>Scotch Bonnet.</i>				
Robert Pye.....	12 months salary as Light-keeper.....	\$395	00		
do	do superannuation tax.....	5	00		
do			400	00	
	Paid for two cords of wood.....		7	00	
W. J. Robinson.....	16 gallons oil, at 25c.....		4	00	
				411	00
	<i>Snake Island.</i>				
T. Orr.....	12 months salary as Light-keeper.....	\$489	69		
do	do superannuation tax.....	5	31		
do			495	00	
do	Paid for lumber, etc		77	38	
McCorkell.....	Boat.....		55	00	
				627	38
	<i>Southampton Range.</i>				
John Lee.....	12 months salary as Light-keeper.....			150	00
	<i>South Bay Point.</i>				
Daniel McIntosh.....	12 months salary as Light-keeper.....	\$156	35		
do	do superannuation tax.....	1	98		
Stephen Bros.....	Red glass		158	33	
			2	00	
				160	33
	<i>Spectacle Shoal.</i>				
Wm. Jackson.....	12 months salary as Light-keeper.....	\$395	00		
do	do superannuation tax.....	5	00		
do			400	00	
do	Allowance for fuel, boat hire, etc.....		20	00	
McLaren.....	Witness fees, holding enquiry re John Buck.....		13	00	
S. Moffatt.....	Lumber		18	40	
H. Ellis.....	Nails, iron, etc.....		4	12	
McClellan Bros. & Reid..	Timber.....		25	25	
Wm. Lasha.....	Labor at pier.....		25	50	
Seymour.....	Rafting lumber.....		2	50	
				508	77
	<i>Strawberry Island.</i>				
Wm. McKay.....	12 months salary as Light-keeper.....		295	63	
do	do superannuation tax.....		4	37	
				300	00
	<i>Sulphur Island.</i>				
Wm. Shepherd.....	12 months salary as Light-keeper.....	\$321	25		
do	do superannuation tax.....	3	75		
do			325	00	
do	Paid for repairing window.....		6	00	
Wm. Marks, Dobie & Co.....	Freight on box.....		1	90	
				332	90
	<i>Telegraph Island.</i>				
John Mason.....	12 months salary as Light-keeper.....	\$197	50		
do	do superannuation tax.....	2	50		
do			200	00	
do	Building boathouse.....		34	50	
				234	50
	Carried forward.....			63,591	45

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			63,591	45
	<i>Thunder Cape.</i>				
S. R. Richmond.....	12 months salary as Light-keeper.....	500	00		
do	Paid for lumber, nails, painting, etc.....	80	55		
Wm. Watts.....	Skiff.....	30	00		
G. H. Kennedy.....	Pipe, elbows, etc.....	4	65		
				615	20
	<i>Tobermora.</i>				
Charles Earl.....	Taking charge of light during season 1883.....			100	00
	<i>Upper Ottawa Lights.</i>				
John Fournier.....	Salary as Light-keeper at Sands Head.....	100	00		
Wm. Baskin.....	do do Baskin's Wharf.....	149	22		
do	Paid for painting do	5	98		
Francis Boucher.....	Salary as Light-keeper, Aylmer Island.....	127	00		
B. McQuestin.....	do do McQuestin's Point.....	100	00		
John Tario.....	do do Morrison's Island.....	100	00		
J. Oulette.....	Boat, Buckom's Point.....	25	00		
				607	20
	<i>Victoria Island.</i>				
Francis Levan.....	12 months salary as Light-keeper.....			100	00
	<i>Victoria Island, Lake Superior.</i>				
R. Singleton.....	Salary as Light-keeper for season 1883.....			175	00
	<i>Way Shoal.</i>				
A. Mongeon.....	12 months salary as Light-keeper.....			100	00
	<i>Weller's Bay.</i>				
Reuben Young.....	12 months salary as Light-keeper.....	148	13		
do	do superannuation tax.....	1	87		
				150	00
	<i>Whisky Island.</i>				
W. A. Thompson.....	12 months salary as Light-keeper.....	150	00		
C. Turcotte.....	Wood.....	6	00		
				156	00
	<i>Windmill Point.</i>				
W. S. Plumb.....	12 months salary as Light-keeper.....	150	00		
John Corbett.....	To pay workmen at repairs.....	220	00		
James Cairns.....	Shingles, boards, etc.....	32	70		
R. W. Ross & Co.....	Paints, oils, etc.....	130	87		
				533	57
	<i>Wolfe Island.</i>				
Robert Gillespie.....	12 months salary as Light-keeper.....	246	88		
do	do superannuation tax.....	3	12		
		250	00		
W. McRossie.....	Lumber, etc.....	23	60		
				273	60
	Carried forward.....			66,402	02

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			66,402	02
BUOYS AND BEACONS.					
G. B. Simpson	Replacing, anchors, etc., Presqu'Isle.....	15	09		
John Beckett.....	Shackles do	4	45		
And. Lockerbie.....	Re-covering, etc., building boat house, etc., Collingwood	142	75		
George Black & Co.....	Lumber Collingwood.....	27	93		
T. Henderson.....	Hardware do	7	94		
Toner & Gregory.....	Lumber do	18	18		
William McCarthy.....	Spar buoy do	26	00		
Robert Dey.....	Blacksmiths' repairs do	47	85		
Thomas Boyd.....	Hire of men do	15	00		
F. Scott	do tug do	20	00		
Watts & Son.....	Buoys, painting, etc. do	19	00		
Cameron & Moberly.....	Anchor do	21	28		
George Collins.....	Hire of tug do	70	00		
William Spence.....	do Three Star Shoal.....	18	00		
G. S. Miller.....	Repairs, Owen Sound.....	2	50		
S. St. Denis.....	Placing, making and attending buoys, Lachine, Lake St. Louis, etc.....	630	00		
H. St. A. Ormond.....	Travelling expenses and disbursements for buoys, Lachine, and Lake St. Louis, etc.....	23	90		
Graham & Co.....	Advertising for tenders, Lachine, Lake St. Louis, etc	4	80		
"Gazette" Printing Co.	do do do do	4	08		
"The Shareholder"	do do do do	4	80		
"Le Monde"	do do do do	4	08		
"La Minerve"	do do do do	3	84		
A. Rheume.....	Making buoys Bois Blanc.....	283	29		
And. Hackett.....	Placing, etc. do	98	50		
William Menzies	Putting out do	22	00		
J. D. Burk	Rope do	3	25		
John Menzies	Making buoys do	14	00		
W. D. Wigle.....	Rope, bolts and washers do	2	09		
John Horsley.....	Placing do	8	00		
T. F. Shaw.....	do do	4	00		
James Gordon.....	do do	15	00		
J. O. Darke.....	Buoy service, Lake Simcoe.....	151	40		
A. S. Lawson.....	Spar buoy, Red Rock	34	00		
J. F. Allan.....	Placing, Kingston.	60	00		
George Collins.....	do Vail Shoals.....	37	12		
J. Malonde	do Byng Inlet	1	50		
William Spence.....	Balance for hire of tug, Byng Inlet.....	120	00		
A. Charlebois.....	Placing do	25	00		
William Menzies.....	Replacing, Bar Point	5	00		
W. O. Luscombe.....	On account buoy service, Sault St. Marie.....	300	00		
James Wilson.....	Taking up and storing do	218	20		
George Collins.....	Castings, painting, etc., Dawson's Reef.....	39	05		
Joseph Grenier.....	Attending 35 buoys, St. Francis.....	175	00		
William Jackson.....	Allowance for season 1883, Spectacle Shoal...	30	00		
G. McGill and J. Cotter.	Taking up buoys, Burlington Canal.....	3	00		
T. Campbell.....	do do	3	00		
W. A. Clark.....	Placing and removing, Vail's Point.....	150	00		
F. J. Silvester.....	On account contract, Lone Rock.....	280	00		
A. Laberge.....	Replacing, Green Shoal.....	12	00		
N. T. Orr.....	Placing, Snake Island.....	9	50		
"Enterprise"	Advertising for tenders, Georgian Bay.....	1	90		
E. Polkingham.....	Placing do	35	00		
M. P. McElhinney.....	Inspecting, St. Mary's River and Lake Superior.....	16	60		
George H. Johnson.....	Furnishing and placing, Lake St. Francis.....	20	00		
L. Donohue.....	20 tracings of can buoy, general account.....	10	00		
W. O. Luscombe.....	Maintenance buoys, Bruce Mines.....	172	50		
	Carried forward.....			3,491	42
				69,893	44

STATEMENT of Expenditure on account of Maintenance of Lights above
Montreal, etc.—*Concluded.*

		\$ cts.	\$ cts.
	Brought forward....		€9,893 44
	MANITOBA LIGHTSHIP.		
N. W. Navigation Co.....	Yawl, raising, placing, caulking, towage, etc.....		694 47
Queen's Printer.....	Stationery and printing.....		70,587 91
			256 36
	Total.....		70,844 27
	Less Refund.....		56 00
			70,788 27

WM. SMITH,
Deputy Minister Marine and Fisheries

F. GOURDEAU,
Actg. Accountant.

APPENDIX No. 2

to the Seventeenth Annual Report of the Department of Marine and Fisheries,
being Statement of Expenditure on account of Maintenance of Lights
between Montreal and Quebec, for the Fiscal Year ended 30th June,
1884.

GENERAL ACCOUNT.		\$ cts.	\$ cts.
Imperial Oil Co.....	3,781.12 galls. petroleum, at 25c.....	945 28	
Routier.....	Carpenter's work.....	1,731 91	
Turgeon.....	do repairs.....	14 20	
Peters.....	Lumber.....	43 58	
Desjardins.....	do.....	478 10	
J. Maxwell.....	do.....	18 82	
Queen's Wharf.....	Storage of oil.....	153 53	
Hamel et frères.....	Glass cloth, chamois, etc.....	47 73	
F. Barbour.....	Freight and cartage.....	91 00	
Intercolonial Railway.....	do on paint.....	43 17	
Bellefeuille.....	do and cartage.....	25 50	
Simard.....	Tinsmith's work.....	5 60	
J. Roche.....	Oil tank.....	73 27	
Duger & Martineau.....	Sheet iron.....	29 79	
Simard.....	Red lead.....	20 55	
audet & Chinic.....	Hardware, glass, etc.....	28 91	
C. Seaton.....	Wick trimmers.....	20 00	
Marmen.....	8 cords wood, at \$4.50.....	36 00	
Bellefeuille.....	Paid freight on barrels, etc.....	6 13	
awson & Co.....	Stationery.....	14 06	
P. Dery.....	do.....	56 20	
& W. Reid.....	Felt paper.....	3 53	
U. Gregory.....	Travelling expenses.....	58 50	
Marmen.....	Services inspecting buoys, etc.....	176 00	
A Dunn.....	Soap and tallow.....	42 50	
Berrigan.....	Clearing snow.....	35 00	
J. Turcotte.....	Brooms, matches.....	46 60	
Chanteloup.....	Plate glass.....	72 00	
E. Vallerand.....	Chimneys, wicks and burners.....	42 60	
B. Verret.....	Ladders.....	6 32	
G. Tourangeau.....	Postage.....	25 02	
N. W. Telegraph Co.....	Messages.....	49 45	
rs. J. Morin.....	Chimney cleaners.....	18 00	
ug. Belanger.....	Labour at repairs.....	18 00	
<i>Ash and Bloody Islands.</i>			4,476 85
W. Hammond.....	12 months salary as Light-keeper..... \$197 48		
do.....	do superannuation tax..... 2 52		
do.....	Breakwater, \$30; fuel, \$10.....	200 00	
do.....	Oil shed, \$40; postage, \$2.70.....	40 00	
do.....	45 galls. petroleum, at 25c.....	42 70	
audet & Chinic.....	Files.....	11 25	
		1 20	
<i>Batiscan.</i>			295 15
Fugère.....	12 months salary as Light-keeper.....	80 00	
Marchand.....	do do.....	80 00	
do.....	Ground rent.....	6 00	
Fugère.....	do.....	6 00	
Brunelle.....	Lantern.....	10 00	
Bergeron.....	Painting and repairs.....	15 25	
enaud & Co.....	Chimneys, burners and wicks.....	2 10	
Carried forward.....			199 35
			4,971 35

**STATEMENT of Expenditure on account of Maintenance of Lights between
Montreal and Quebec, etc.—Continued.**

		\$	cts.	\$	cts.
	Brought forward			4,971	35
	<i>Cape Charles.</i>				
W. Boisvert.....	12 months salary as Light-keeper	\$148	12		
do	do superannuation tax	1	88		
			150	00	
do	Ground rent.....		10	00	
do	Clock, postage and cartage.....		4	63	
				164	63
	<i>Cape Magdalen.</i>				
Paul Manuel.....	12 months salary as Light-keeper		100	00	
Ant. Montplaisir.....	do do		130	00	
do	Ground rent, \$12; ventilator, \$4.10		16	10	
A. Marmen.....	Travelling expenses.....		8	70	
Paul Manuel.....	Board of painter.....		7	50	
				262	30
	<i>Champlain.</i>				
Napoléon Hardy	12 months salary as Light-keeper		130	00	
T. Martineau.....	Ground rent, 1883		12	00	
N. Gagnon	Repairing and painting Lighthouse		9	45	
A. E. Vallerand.....	Chimneys, wicks and burners.....		1	30	
				152	75
	<i>Contrecoeur.</i>				
Avilas Gervais	12 months salary as Light-keeper.		100	00	
Noël Lacroix	do do do		75	00	
F. Lacroix.....	Repairing roof		44	90	
A. E. Vallerand	Lantern, chimneys and wicks		4	35	
Renaud & Co.....	do do		1	90	
				226	15
	<i>Grondines.</i>				
Epi. Trottier.....	9 months salary as Light-keeper		75	00	
Ls. Boisvert	3 do do do		25	00	
Widow J. Trottier	12 do do do		100	00	
E. Trottier	Fuel, 1883.....		4	00	
Widow J. Trottier	do		4	00	
Isale Trottier.....	Ladder, \$4; postage, 54c.....		4	54	
Beaudet & Chinic.....	Lock.....		1	25	
Renaud & Co.....	Chimneys, burners and wicks		1	50	
A. Marmen	Travelling expenses.....		5	50	
				220	79
	<i>Isle à la Baque.</i>				
Jos. Ethier	3 months salary as Light-keeper		48	00	
Onés. Mercier.....	9 do do do	\$111	09		
do	do superannuation tax	1	41		
			112	50	
Beaudet & Chinic.....	Glass'.....		2	00	
F. Turgeon.....	Travelling expenses.....		11	00	
				173	50
	<i>Isle de G.âce.</i>				
Ed. Paul	8 months salary as Light-keeper		240	00	
do	Putting up and taking down tower.....		45	00	
A. E. Vallerand	Lantern		0	95	
				285	95
	Carried forward.....			6,457	43

STATEMENT of Expenditure on account of Maintenance of Lights between
Montreal and Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			6,457	42
	<i>Isle à la Pierre.</i>				
Wm. Matte	12 months salary as Light-keeper	\$217	24		
do	do superannuation tax	2	76		
			220	00	
do	Fuel, 1883		10	00	
E. Portelance	Saw, axe, etc.		5	15	
L. T. Trempe	Paint, brushes, etc.		26	06	
					261 21
	<i>Isle aux Prunes.</i>				
D. Robert	12 months salary as Light-keeper		120	00	
do	Putting up and taking down tower.		40	00	
do	Clearing ice and taking down tower.		30	00	
do	Fuel, \$8; stove, \$9		17	00	
do	Clearing ice		10	00	
					217 00
	<i>Isle aux Raisins.</i>				
Théo. Verville	12 months salary as Light-keeper		270	00	
Ant. Moreau	Repairing roof ..		170	00	
O. Letendre	Fuel, 1883-84		12	00	
Théo. Verville	Putting up and taking down tower.		30	00	
F. E. N. Boucher	Legal services		36	00	
A. Garceau, fils et Cie. .	Stovepipe		4	00	
Renaud & Co.	Chimneys, burners, etc.		1	25	
					523 25
	<i>Isle Ste. Thérèse.</i>				
S. Reeves	12 months salary as Light-keeper		120	00	
Théo. Brodeur	8 do do do		144	00	
do	Repairs to tower		14	00	
F. Turgeon	New lantern		74	50	
E. Chanteloup	Lamps		86	00	
P. Jobin	Travelling expenses		16	30	
S. Reeves	Painting		15	00	
A. Reeves	Ground rent		10	00	
S. Bedard	Measures		1	85	
A. E. Vallerand	Chimneys, wicks and burners		1	25	
"Shareholder"	Advertising for tenders		5	60	
"Le Monde"	do		4	20	
"La Minerve"	do		4	20	
"Gazette" Printing Co. .	do		4	20	
Roy et frères	do		3	64	
					504 74
	<i>Lacolle.</i>				
R. H. Whitman	12 months salary as Light-keeper	\$148	12		
do	do superannuation tax	1	88		
			150	00	
do	Paid for printing		33	44	
					183 44
	<i>Lavaltrie.</i>				
D. Giguere	12 months salary as Light-keeper	\$296	24		
do	do superannuation tax	3	76		
			300	00	
do	Putting up and taking down tower		80	00	
do	Building house		60	00	
do	Boat and repairing pier		60	00	
do	Fuel, 1883-84		20	00	
C. Henvieux	Ground rent		30	00	
A. E. Vallerand	Chimneys, wicks and burners		1	55	
					551 55
	Carried forward				8,698 61

STATEMENT of Expenditure on account of Maintenance of Lights between
Montreal and Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			8,698	61
	<i>Lake Memphremagog.</i>				
D. E. Peters	Salary as Light-keeper, Witch Rock.....	66	79		
P. J. Williams.....	do do Green Point	29	36		
L. C. Wadleigh	do do Wadleigh's Point	39	64		
Alexander Molson.	do do Molson's Island	33	47		
do	Boat, \$23 ; freight, \$4.05	27	05		
D. E. Peters	Building pier	160	00		
do	Freight and repairs	11	43		
S. Bedard	Measures, paint, &c.....	10	55		
J. Hamel et frère.....	Curtains	3	06		
				331	35
	<i>Lightship No. 1.</i>				
A. Auger.....	12 months salary as Light-keeper.....	\$496	24		
do	do superannuation tax.....	3	76		
			500	00	
Audet & Robitaille	Chain	103	81		
P. Bellefeuille	Carpenters' repairs	95	75		
O. Fréchette.....	do	16	50		
E. Monarque	Towage	40	00		
L. T. Trempe	Paints, oils and hardware.....	46	08		
P. Bellefeuille	6 cords wood. at \$6, \$36 ; services, \$12.60.....	48	60		
E. Porteance	Iron work	8	92		
A. Garceau, fils et Cie...	Tinsmith work	7	80		
				854	86
	<i>Lightship No. 2.</i>				
H. Fiset	12 months salary as Light-keeper	\$496	24		
do	do superannuation tax.....	3	76		
			500	00	
S. Peters	Oak for repairs.....	179	94		
Sheppard & Son	Lumber	83	80		
P. Bellefeuille	Carpenters' repairs	216	77		
do	6 cords wood, \$6, \$36 ; services, \$12.25	48	25		
O. Fréchette	Repairing ship	327	50		
North Shore Railway ...	Freight on lumber, etc.....	20	40		
T. Routier	Travelling expenses	10	50		
L. T. Trempe	Paint, oil and hardware	39	76		
E. Porteance	Iron repairs.....	12	07		
A. Garceau, fils et Cie ...	Tinsmiths' repairs	8	70		
Audet & Robitaille	Rope.....	6	30		
A. E. Vallerand.....	Chimneys, wicks and burners.....	2	25		
				1,456	24
	<i>Lightship No. 3.</i>				
A. Magnan	12 months salary as Light-keeper	\$496	24		
do	do superannuation tax.	3	76		
			500	00	
P. Bellefeuille	Carpenters' repairs.....	98	00		
do	6 cords wood, at \$6.....	36	00		
O. Fréchette.....	Carpenters' repairs.....	21	00		
J. N. Beaudry	Towage.....	60	00		
L. T. Trempe	Paint, oils and hardware	65	05		
E. Porteance	Iron work	12	15		
A. Garceau, fils et Cie ...	Repairing roof.....	7	15		
Audet & Robitaille.....	Rope.....	12	88		
S. Bedard	Measures.....	1	85		
				814	76
	Carried forward			12,205	82

STATEMENT of Expenditure on account of Maintenance of Lights between Montreal and Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			12,205	82
	<i>L'Islet, Richelieu.</i>				
J. Blais.....	8 months salary as Light-keeper	160	00		
do	Fuel, 1883-84.....	15	00		
do	Boat hire	8	50		
do	Board of carpenter.....	2	00		
S. Bedard	Chimney top	11	35		
J. A. Pelletier.....	Lime	1	50		
				198	35
	<i>Lotbinière.</i>				
L. Beaudet	12 months salary as Light-keep r.	80	00		
Geo. Beaudet	do do	80	00		
L. Beaudet.....	Painting, and clearing ice.....	12	00		
Renaud & Co.	Lamps, chimneys and wicks.....	2	90		
				174	90
	<i>North Half-way Point.</i>				
D. Ménard	12 months salary as Light-keeper.....	\$167	88		
do	do superannuation tax.....	2	12		
		170	00		
W. P. Anderson	Travelling expenses	17	35		
				187	35
	<i>Platon.</i>				
P. Beaudet	8 months salary as Light-keeper.....	120	00		
do	Fence.....	12	00		
Beaudet & Chinic	Paint.....	1	80		
				133	80
	<i>Pointe aux Trembles.</i>				
A. Lamoureux	12 months salary as Light-keeper.....	130	00		
A. E. Vallerand	Lamp	1	95		
				131	95
	<i>Pointe du Lac.</i>				
M. Paquin	12 months salary as Light-keeper.....	100	00		
do	Cutting trees.....	70	00		
A. Marmen.....	Travelling expenses..	9	80		
Luckerhoff Bros.....	New roof.....	26	61		
Rénaud & Co.	Lamp and chimneys	1	45		
				207	86
	<i>Port St. Francis.</i>				
E. Duval	8 months salary as Light-keeper.....	180	00		
do	Painting, \$17.25; ladder, \$2.50.....	19	75		
J. Duval.....	Storage	10	00		
H. Brassard	Putting up and taking down tower.....	60	00		
S. Bédari	Measures	1	85		
Rénaud & Co.	Lamp, chimneys and wicks	1	90		
				273	50
	<i>Pointe Citrouille.</i>				
C. Brunelle.....	8 months salary as Light-keeper	200	00		
do	Fuel, \$5; lumber, \$10; storage, \$3	18	00		
do	Repairing damage by ice.....	15	00		
	Carried forward	233	00	13,513	53

STATEMENT of Expenditure on account of Maintenance of Lights between
Montreal and Quebec, etc.—*Concluded.*

	Brought forward.....	\$ cts. 233 00	\$ cts. 13,513 53
	<i>Pointe Citrouille.—Concluded.</i>		
F. Marchand.....	House rent and right of way.....	8 00	
Thos. St Cyr.....	Repairing house.....	38 00	
J. H. Marchildon.....	Ground rent.....	12 00	
S. Bedard.....	Measures.....	4 90	
Audet & Robitaille.....	Rope.....	2 97	298 87
	<i>Portneuf.</i>		
F. Rodrigue.....	12 months salary as Light-keeper.....	\$246 88	
do.....	do superannuation tax.....	3 12	
		250 00	
do.....	Fuel, \$10.50; repairs and postage, \$2.66.....	13 16	
G. Germain.....	Ground rent.....	5 50	268 66
	<i>Répentigny.</i>		
Chs. Rivet.....	8 months salary as Light-keeper.....	56 00	
J. B. Lachapelle.....	do do.....	56 00	
E. Chanteloup.....	Lamp.....	43 50	
Renaud & Co.....	Chimneys and wicks.....	0 95	156 45
	<i>Rivière du Chêne.</i>		
Widow J. Langlois.....	12 months salary as Light-keeper.....	75 00	
do.....	Board of carpenter.....	12 67	
do.....	Paid for repairs.....	5 79	
S. Peters.....	Lumber.....	9 00	
Beaudet & Chinic.....	Nails, zinc, etc.....	6 65	
Rénaud & Co.....	Chimneys and wicks.....	0 90	110 01
	<i>St. Antoine.</i>		
L. Lafleur.....	12 months salary as Light-keeper.....	\$148 12	
do.....	do superannuation tax.....	1 88	
		150 00	
do.....	Fuel.....	5 00	155 00
	<i>River St. Francis.</i>		
P. Deschenaux.....	Salary for season.....	20 00	
do.....	Oil and rope.....	2 03	22 03
	<i>Ste. Croix.</i>		
W. Thurber.....	12 months salary as Light-keeper.....	\$172 80	
do.....	do superannuation tax.....	2 20	
		175 00	
do.....	Fuel, \$10; repairs, \$2.....	12 00	
S. Peters.....	Lumber.....	62 77	
F. Turgeon.....	Repairing light-house.....	52 50	
F. Boisvert.....	Board of carpenters.....	19 50	
do.....	Freight on lumber, etc.....	5 81	
F. Desrochers.....	Ground rent.....	6 00	
Audet & Robitaille.....	Rope.....	4 80	
J. A. Pelletier.....	Lime.....	3 00	
Renaud & Co.....	Chimneys and wicks.....	1 90	343 28
	Carried forward.....		14,867 83

STATEMENT of Expenditure on account of Maintenance of Lights between
Montreal and Quebec, etc.—*Concluded.*

		\$ cts.	\$ cts.
	Brought forward.....		14,867 83
	<i>St. Pierre les Becquets.</i>		
J. C. Francoeur.....	12 months salary as Light-keeper.....	70 00	
do	Painting	17 50	87 50
	<i>St. Valentine.</i>		
Paul Martin	12 months salary as Light-keeper.....	\$148 12	
do	do superannuation tax.....	1 88	
		150 00	
Rénaud & Co.	Chimneys and wicks	0 85	150 85
	<i>Sorel Harbour.</i>		
Richelieu Co.	Salary for season		85 00
	<i>Buoys.</i>		
J. U. Francoeur.	New buoys and anchors.....	200 25	
do	Contract	400 00	
P. Bellefeuille	Inspecting	10 00	
W. Barbour.....	Travelling expenses	42 00	
D. E. Peters.....	Placing buoy	5 00	
A. Larochelle	Sketch	10 00	
"Star"	Advertising	2 60	
"Journal of Commerce" ..	do	2 60	
"Gazette" Printing Co ..	do	2 60	
"L'Etendard"	do	2 60	
"St. John's News	do	2 60	680 25
	<i>Montreal Harbour.</i>		
Wm. Jeff	3 months salary as Light-keeper.....		75 00
	Total		15,946 43

WM. SMITH,
Deputy Minister of Marine and Fisheries

F. GOURDEAU,
Act'g. Accountant.

APPENDIX No. 3.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Maintenance of Lights below Quebec, for the Fiscal Year ended 30th June, 1884.

		\$	cts.	\$	cts.
<i>Algernon Rock.</i>					
D. Babin.....	12 months allowance for Assistant Light-keeper....	150	00		
do	Fuel, 1883-84.....	24	00		
				174	00
<i>Amherst Island.</i>					
Wm. Cormier.....	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax.....	3	76		
			300	00	
do	Fuel, 1883-84.....		20	00	
J. Hamel et frères.....	Curtains and glass cloth.....		8	81	
Beaudet & Chinic.....	Hardware.....		4	05	
T. Parent	Water barrels.....		3	75	
Renaud & Co.....	Lamp, Chimneys and burners		2	90	
Audet & Robitaille	Halyards.....		1	70	
J. A. Pelletier	Lime		1	50	
				342	71
<i>Anse St. Jean.</i>					
F. Boivin.....	12 months salary as Light-keeper.....	40	00		
Audet & Robitaille.....	Repairs	1	68		
				41	68
<i>Anticosti, South Point.</i>					
W. Carter	12 months salary as Light-keeper.....	\$637	00		
do	do superannuation tax.....	13	00		
			650	00	
do	Building Pier.....		100	00	
Beaudet & Chinic.....	Sheet iron, paint, etc		34	28	
T. Routier	Carts		25	75	
E. Cazeau.....	Wheels		21	00	
Audet & Robitaille.....	Flag		11	10	
Renaud & Co.....	Lamps, chimneys and wicks.....		5	65	
J. Hamel et frères.....	Glass cloth.....		4	35	
S. Bedard.....	Kettle.....		2	00	
E. Giroux et frère.....	Medicines.....		1	00	
				855	13
<i>Fog Whistle.</i>					
W. Carter.....	12 months salary as Engineer.....	250	00		
do	103 cords wood at \$3.....	309	00		
Beaudet & Chinic.....	Vice, files, etc.....	24	29		
S. J. Shaw & Co	Rubber gaskets.....	10	50		
G. T. Philipps.....	Guage and lead pipes.....	23	90		
C. Vézina.....	Steam pipes	89	15		
				706	84
<i>Anticosti, East Point.</i>					
Thos. Gagné	12 months salary as Light-keeper.....	\$795	00		
do	do superannuation tax.....	5	00		
			800	00	
Beaudet & Chinic.....	Hardware, boiler-plates, rivets, files, etc		36	00	
L. Leclerc.....	Junk		30	49	
	Carried forward.....	866	49	2,120	36

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.	866	49	2,120	36
	<i>Anticosti, East Point—Concluded.</i>				
T. Routier.....	Making lightning-rod.....	14	15		
Audet & Robitaille.....	Canvas, twine, etc.....	12	95		
J. B. Renaud & Co.....	Oats and bran.....	20	85		
Renaud & Co.....	Lamps, chimneys and burners.....	8	60		
S. Bedard.....	Stove and pipe.....	32	80		
S. Peters.....	Lumber.....	6	33		
E. Cazeau.....	Shafts.....	5	50		
J. Hamel et frères.....	Reflector cloth.....	5	43		
				973	10
	<i>Anticosti, South-West Point.</i>				
E. Pope.....	12 months salary as Light-keeper.....	\$795	00		
do.....	do superannuation tax.....	5	00		
			800	00	
S. Peters.....	Lumber.....	81	60		
Beaudet & Chinic.....	Paint, brushes, files, axes, etc.....	48	06		
J. B. Renaud & Co.....	Oats and bran.....	20	85		
Fisher & Blouin.....	Horse collar and blanket.....	14	95		
S. Bedard.....	Repairing lamps.....	14	15		
E. Giroux et frère.....	Medicines.....	11	65		
J. Hamel et frères.....	Glass cloth.....	5	43		
G. T. Philipps.....	Bra's box.....	5	10		
				1,001	79
	<i>Anticosti, West Point.</i>				
A. Malouin.....	12 months salary as Light-keeper.....	\$595	00		
do.....	do superannuation tax.....	5	00		
			600	00	
do.....	Board of carpenters.....	168	50		
J. Morissette.....	Repairing tower.....	466	00		
S. Peters.....	Lumber.....	598	59		
L. Leclerc.....	Junk.....	30	49		
Beaudet & Chinic.....	Hardware, iron, nails, files, zinc, etc.....	53	40		
J. B. Renaud & Co.....	Oats and bran.....	22	05		
B. Eden.....	Passage and board of carpenters.....	81	00		
Renaud & Co.....	Lamps, chimneys and wicks.....	11	20		
J. Hamel et frères.....	Curtains and glass cloth.....	16	03		
G. Lamontagne.....	Clock.....	6	00		
Audet & Robitaille.....	Rope and row-locks.....	6	42		
Fisher & Blouin.....	Horse collar and blanket.....	6	00		
A. Pouliot.....	Holdfasts.....	5	00		
T. Houghton.....	Horse shoes.....	3	20		
E. Giroux et frère.....	Medicines.....	0	60		
				2,074	48
	<i>Baie St. Paul.</i>				
Hy. Tremblay.....	12 months salary as Light-keeper.....	\$296	24		
do.....	do superannuation tax.....	3	76		
			300	00	
do.....	Fuel, 1883-84.....	30	00		
R. Blakiston.....	Sails.....	41	35		
Beaudet & Chinic.....	Hardware, auger, saw, etc.....	16	02		
Audet & Robitaille.....	Rope and blocks.....	16	53		
J. Hamel et frères.....	Reflector cloth.....	4	47		
Renaud & Co.....	Lamp, chimneys and wicks.....	3	25		
S. Bedard.....	Stove pipe.....	3	80		
G. M. Webster & Co.....	Bricks.....	2	95		
J. A. Pelletier.....	Lime.....	1	50		
				419	87
	Carried forward.....			6,589	60

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			6,589	60
	<i>Belle Isle.</i>				
M. Colton	12 months salary as Light-keeper.....	\$893	72		
do	do superannuation tax.....	6	88		
				900	60
G. M. Webster & Co.....	Coal, 3 tons, at \$7.50, \$22.50; 14 chaldrons, at \$6.75, \$94.50			117	00
J. B. Renaud & Co.....	Oats, bran and hay.....			88	31
T. Parent.....	Barrelling coal.....			92	40
Beaudet & Chinic.....	Hardware, paint, spirits of wine, etc.....			32	03
G. T. Phillips.....	Metal bolts.....			35	00
L. Villeneuve.....	Iron work.....			29	45
S. Peters.....	Lumber.....			1	68
J. Hamel et frères.....	Reflector cloth.....			11	88
L. Leclerc.....	Junk.....			15	12
S. Bedard.....	Stove, boiler, etc.....			23	95
Henry Black.....	Castings.....			11	45
T. Houghton.....	Horse shoes.....			4	80
Renaud & Co.....	Lamps, chimneys and wicks.....			7	20
E. Cazeau.....	Shaft.....			3	00
Audet & Robitaille.....	Rope.....			2	85
J. A. Pelletier.....	Lime.....			1	50
G. Lamontagne.....	Repairing clock.....			1	50
E. Giroux et frère.....	Medicines.....			10	05
					1,389 77
	<i>Bellechasse.</i>				
J. B. Galibois.....	12 months salary as Light-keeper.....	\$316	00		
do	do superannuation tax.....	4	00		
				320	00
do	Fuel, \$10; painting, \$8.....			18	00
Beaudet & Chinic.....	Nails, axe, etc.....			6	25
S. Peters.....	Lumber.....			51	46
L. Bernier.....	Carpenter's repairs.....			46	20
Audet & Robitaille.....	Rope.....			4	63
S. Bedard.....	Stovepipes.....			3	80
J. Hamel et frères.....	Reflector cloth.....			2	37
					452 71
	<i>Bicquette.</i>				
Etienne Parent.....	12 months salary as Light-keeper.....	\$594	40		
do	do superannuation tax.....	5	60		
				600	00
do	Fuel, 1882-84			24	00
do	Board of carpenters.....			34	46
T. Routier.....	Building new house.....			740	18
S. Peters.....	Lumber.....			571	95
F. Turgeon.....	Passage of men.....			24	45
N. Blanchet.....	Hauling lumber.....			12	00
J. A. Pelletier.....	Lime.....			19	50
Auger & Martineau.....	Glass, putty, hinges, etc.....			34	88
G. M. Webster & Co.....	Bricks.....			32	60
J. Shea & Bro.....	Provisions for carpenters.....			31	00
L. Arel.....	do do.....			10	40
A. J. Turcotte.....	do do.....			23	65
N. Fricault.....	Passage and board.....			5	75
W. D. Campbell.....	2 years ground rent, to 30th June, 1884.....			49	00
S. Bedard.....	Water spout, repairs, etc.....			51	05
Beaudet & Chinic.....	Paint, nails, cast steel.....			33	98
R. Blakiston.....	Sails.....			23	30
L. Leclerc.....	Junk.....			25	45
O. Simard.....	Pipes.....			5	00
	Carried forward.....			2,350	60
					8,432 00

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....	2,350	60	8,432	08
	<i>Bicquette—Concluded.</i>				
J. & W. Reid.....	Felt paper	8	40		
J. Hamel et frère.....	Reflector cloth	4	35		
E. Bérubé.....	Repairing stove.	3	95		
T. Parent.....	Barrelling coal.....	4	05	2,371	35
	<i>Bird Rocks.</i>				
T. Turbide.....	12 months salary as Light-keeper	\$1,288	00		
do	do superannuation tax.....	12	00		
			1,300		
G. M. Webster & Co	15 chaldrons coal, at \$6.75		101 25		
Audet & Robitaille.....	Rope, flag, blocks, etc.		52 10		
Beaudet & Chinic	Chain, paint, iron and nails		33 36		
J. Hamel et frères.....	Curtains and reflector cloth		10 35		
G. T. Phillips	Sheet lead and screws		20 89		
L. Leclerc	Junk.....		45 61		
R. Delany & Son.....	Boat		38 00		
P. Turbide	Flat boat		22 00		
T. Parent.....	Barrelling coal		88 68		
S. Peters	Lumber		44 15		
Bisset Bros.....	Castings		21 00		
C. Vézina	Iron-work		26 85		
T. Routier	On account powder magazine		17 50		
J. Hood	1 cord wood		3 30		
E. Giroux et frère	Medicines		4 30		
S. Bédard	Measures		2 00	1,831	34
	<i>Brandy Pots.</i>				
Alph. Richard	12 months salary as Light-keeper.....	\$395	00		
do	do superannuation tax.....	5	00		
			400		
do	Fuel, 1883-84.....		30 00		
do	Boat, \$18; repairs, \$2.56		20 56		
J. Hamel et frères.....	Reflector cloth		2 37		
Beaudet & Chinic	Locks		2 25	455	18
	<i>Cap à l'Aigle.</i>				
E. Savard	Salary as Light-keeper for season		40 00		
do	Repairs		4 00		
S. Bédard	Stove and pipe		21 55		
Audet & Robitaille.....	Rope.....		0 84		
J. Hamel et frères.....	Reflector cloth		0 39	66	78
	<i>Cap aux Oies.</i>				
J. Savard.....	12 months salary as Light-keeper.....	\$293	24		
do	do superannuation tax	3	76		
			300		
do	Fuel		20 00		
Beaudet & Chinic	Hardware, glass, etc.		4 00		
Renaud & Co.	Lamp, chimneys and wicks		3 65		
G. Lamontagne.....	Clock repaired		1 50		
J. Hamel et frères.....	Reflector cloth		1 47	370	62
	Carried forward			13,487	35

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			13,487	35
	<i>Cape Bauld.</i>				
Alex. St. Laurent.....	12 months salary as Light-keeper	800	00		
T. Routier.....	Stable	24	37		
S. Peters	Lumber	81	26		
Beaudet & Chinic	Bar iron, etc.....	31	86		
J. B. Renaud & Co.....	Hay, oats, bran, etc.....	58	82		
do	Lamp, chimneys and wicks	10	15		
S. Bedard	Stove, pipe and grate.....	17	90		
E. Giroux et frère	Medicines	0	60		
Noonan & Davies	55 tons coal, at \$2.50	\$137	50		
do	Freight on 55 tons, at \$5	275	00		
do	Commission, at 2½ per cent.....	10	30		
		422	80		
T. Parent	Barrelling coal	2	56		
G. T. Phillips	Stocks and dies, bolts, &c.	71	35		
S. J. Shaw & Co.....	Taps	7	75		
E. Chanteloup.....	Tools	48	71		
G. M. Webster & Co.....	¾ chaldron coal	4	25		
A. St. Laurent	Putting up whistle	144	50		
				1,726	88
	<i>Cape Chatte.</i>				
T. Côté	12 months salary as Light-keeper	\$296	24		
do	do superannuation tax.....	3	76		
		300	00		
do	Fuel, 1883-84.....	24	00		
do	To pay for right of way	4	00		
do	Paid repairs.....	30	00		
do	Postage	2	12		
J. Hamel et frères	Reflector cloth	2	37		
Renaud & Co.	Chimneys and wicks	3	60		
A. Marmen	Cartage of stores	5	75		
Audet & Robitaille.....	Halyards.....	1	75		
	<i>Cape Chatte (Fog-Horn).</i>				
S. Dion	12 months salary as Keeper	\$345	60		
do	do superannuation tax.....	4	40		
		350	00		
do	Repairing shed	40	00		
do	Sawing wood	55	00		
do	House rent	36	00		
B. Roy	50 cords maple, at \$3.60	\$144	00		
do	10 do tamarac, at \$2.70	27	00		
		171	00		
	<i>Cape Despair.</i>				
John Beck.....	12 months salary as Light-keeper.....	\$395	00		
do	do superannuation tax	5	00		
		400	00		
do	Fuel, \$20; repairing lamps, \$12	32	00		
S. Bedard.....	Lamps	35	90		
E. Chanteloup	Silvering reflectors	45	50		
do	Glass	96	25		
P. Jobin.....	Fitting glasses and lamps.....	65	10		
J. Hamel et frères	Curtains	9	97		
Beaudet & Chinic.....	Axe, putty, etc.....	4	04		
Renaud & Co.....	Chimneys and wicks.....	3	60		
J. Chabot	Freight on lamp, oil, etc	1	90		
				695	26
	Carried forward			16,935	08

**STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—Continued.**

		\$	cts.	\$	cts.
	Brought forward			16,935	08
	<i>Cape Gaspé.</i>				
C. D. Esnouf	12 months salary as Light-keeper.....	\$795	00		
do	do superannuation tax.....	5	00		
			800	00	
do	Repairs, \$24 25; board, \$8 57; postage, \$2.34.....		35	16	
S. Peters	Lumber		294	59	
P. Jobin	Powder magazine and store.....		177	34	
Beaudet & Chinic	Zinc, nails.....		61	75	
L. Leclerc	Junk.....		52	70	
G. T. Phillips	Pump, pipe.....		16	00	
S. J. Shaw & Co.....	Rubber gaskets		7	75	
Audet & Robitaille	Rope.....		8	96	
J. Hamel et frères	Reflector cloth.....		2	91	
J. A. Pelletier	Lime.....		1	50	
					1,458 66
	<i>Cape Magdalen.</i>				
G. Lavergne.....	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax	3	76		
			300	00	
do	Fuel, \$25; postage, \$4 50.....		29	50	
do	Repairing house		11	00	
Audet & Robitaille	Canvas.....		43	36	
Beaudet & Chinic.....	Nails, paint, pick, etc		23	99	
E. Giroux et frère.....	Medicine		9	65	
S. Bedard	Ventilator, pipes, etc		28	10	
T. Parent.....	Water buckets.....		4	75	
J. Hamel et frères	Reflector cloth		2	91	
					453 26
	<i>Cape Normand.</i>				
Hy. Locke.....	12 months salary as Light-keeper.....	\$493	72		
do	do superannuation tax	6	28		
			500	00	
do	Cartage, \$20; fuel, \$60.....		80	00	
do	Repairs		200	00	
S. Peters	Lumber.....		358	11	
Beaudet & Chinic.....	Nails, paint, brushes, etc.....		59	80	
E. Cazeau	Wheels.....		29	00	
Geo. M. Webster & Co.....	Eight tons coal, at \$5.....		40	00	
T. Parent.....	Barrelling coal.....		30	40	
E. Giroux et frère.....	Medicine.....		10	80	
G. T. Phillips	Sheet lead.....		13	21	
L. Leclerc.....	Felt paper.....		10	26	
J. Hamel et frères	Reflector cloth and curtains		9	95	
J. A. Pelletier	Lime.....		3	00	
S. Bedard	Stove doors.....		2	65	
Audet & Robitaille	Rope.....		2	44	
G. Lamontagne.....	Repairing clock.....		1	50	
					1,451 12
	<i>Cape Ray.</i>				
R. Rennie	12 months salary as Light-keeper	\$595	00		
do	do superannuation tax	5	00		
			600	00	
do	Fuel, \$40; repairs to road, flagstaff, etc., \$349.75...		389	75	
S. Peters	Lumber.....		549	36	
L. Leclerc.....	Felt paper.....		10	20	
Audet & Robitaille	Rope and bunting		11	15	
	Carried forward.....		1,560	46	21,398 12
	33				

STATEMENT of Expenditure on account of Maintenance of Light below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Carried forward.....	1,560	46	21,398	12
	<i>Cape Ray—Concluded.</i>				
E. Giroux et frère.....	Medicine.....		15 90		
T. Routier.....	Chimneys.....		16 70		
J. B. Renaud & Co.....	Oats and hay.....		38 64		
S. Bédard.....	Stove, pipe, lamps, etc.....		38 70		
J. Hamel et frères.....	Curtains and reflector cloth.....		11 51		
T. Houghton.....	Horse shoes.....		3 60		
J. A. Pelletier.....	Lime.....		3 00		
S. J. Shaw & Co.....	Thermometer.....		1 35		
R. Rennie.....	Repairing staff and road.....		23 50		
	<i>Fog-Whistle.</i>				
R. Rennie.....	12 months salary as Engineer.....		400 00		
G. T. Phillips.....	Lead and packing.....		74 96		
Beaudet & Chinic.....	Hardware, nails, tacks, varnish, glass, etc.....		101 08		
Noonan & Davis.....	34½ tons coal, at \$2 50, \$86 25; commission, \$2.15.		88 40		
A. Foisy.....	Freight on coal, at \$3 per ton.....		103 50		
				2,481	30
	<i>Cape Rosier.</i>				
A. Trudeau.....	12 months salary as Light-keeper.....	\$598	25		
do.....	do superannuation tax.....		5 00		
do.....	Fuel, 1883-84.....		601 25		
S. Bédard.....	Stove, pipe, etc.....		30 00		
Renaud & Co.....	Lamp and chimney.....		14 55		
Audet & Robitaille.....	Rope, canvas, etc.....		8 90		
W. Robert.....	Rope, canvas, etc.....		15 15		
L. Leclerc.....	Repairing crane.....		22 00		
J. A. Pelletier.....	Junk.....		10 08		
J. Hamel et frères.....	Lime.....		4 50		
A. Trudeau.....	Reflector cloth.....		4 35		
	Paid for labor.....		6 50		
	<i>Fog-Whistle.</i>				
J. E. Kane.....	Wages, from 9th May, 1883, to 31st March, 1884, putting up whistle.....		540 00		
do.....	Travelling expenses.....		106 93		
A. Trudeau.....	Board of engineer.....		136 05		
S. Peters.....	Lumber for sheds and engine-house.....		1,351 88		
P. Jobin.....	Building do do.....		1,036 62		
B. Eden.....	Removing coal.....		263 75		
Beaudet & Chinic.....	Hardware, glass, boiler-plates, paint, etc.....		417 53		
Noonan & Davies.....	137½ tons coal, at \$2.50.....		343 75		
do.....	Freight on 50 tons, at \$4.....	\$200	00		
do.....	do 87½ tons, at \$1.50.....		131 25		
do.....	Commission, 2½ per cent.....		16 87		
			348 12		
T. Parent.....	Barrelling coal.....		49 08		
C. Vezina.....	Bolts, nuts, chimney.....		44 84		
Bisset Bros.....	Castings, etc.....		44 25		
A. Trudeau.....	Hauling coal.....		32 00		
G. T. Phillips.....	Tongs and castings.....		28 13		
J. Packwood.....	Covering trench.....		14 20		
J. Brousseau.....	Barrelling coal.....		6 00		
S. J. Shaw & Co.....	Rubber joints.....		4 50		
G. M. Webster & Co.....	Cement.....		4 00		
S. Peters.....	Removing coal.....		12 00		
J. Kane.....	Paid for labor.....		16 50		
				5,517	41
	Carried forward.....			28,296	83

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			28,296	83
	<i>Carleton Point.</i>				
Elm. Landry	12 months salary as Light-keeper	\$296	24		
do	do superannuation tax	3	76		
			300	00	
do	Fuel, 1883-84		20	00	
J. Hamel et frères	Reflector cloth		2	19	
Renaud & Co.	Chimneys and wicks		2	30	
				324	49
	<i>Chicoutimi Lights and Buoys.</i>				
C. Harvey	Salary for season, 1883, wharf	\$40	00		
J. Marier	do range	65	00		
A. Boudreau	do do	65	00		
H. Savard	do do	65	00		
F. Gauthier	do do	37	50		
J. Duperré	do do	37	50		
O. Lachance	do do	37	50		
A. Simard	do do	37	50		
			385	00	
A. Sturton	Replacing buoys		169	20	
Widow O. Tremblay	Repairs to lights		68	96	
J. Tremblay	Storage and attendance		60	80	
S. Bedard	Lanterns, chimneys, etc.		67	30	
P. P. Pouliot	Boat		58	20	
Audet & Robitaille	Rope, chain, etc.		49	12	
R. Blackiston	Sails		21	20	
W. Warren	Removing lights		20	00	
E. Lemieux	Iron-work		10	00	
Beaudet & Chinic	Iron and glass		8	05	
H. Black & Co.	Sinkers		5	82	
X. Savard	Freight on boat		6	00	
J. Hamel et frères	Reflector cloth		2	11	
J. A. Pelletier	Lime		1	50	
Beaudet & Chinic	Locks		1	50	
				934	76
	<i>Crane Island.</i>				
J. Painchaud	12 months salary as Light-keeper	\$316	00		
do	do superannuation tax	4	00		
			320	00	
do	Fuel, 1883-84		16	00	
Beaudet & Chinic	Paint, glass, etc.		7	00	
Audet & Robitaille	Rope and pulleys		12	52	
J. Hamel et frères	Reflector cloth		2	91	
				358	43
	<i>Eboulements.</i>				
A. Goudreau	Salary for season 1883		40	00	
S. Bedard	Repairing lamps		1	75	
Renaud & Co.	Chimneys		1	50	
J. Hamel et frères	Reflector cloth		0	39	
Beaudet & Chinic	Lock		0	60	
				44	24
	<i>Egg Island.</i>				
Paul Coté	12 months salary as Light-keeper	\$493	72		
do	do superannuation tax	6	28		
			500	00	
do	Fuel, 1883-84		60	00	
	Carried forward		560	00	29,958 75

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward	560	00	29,958	75
	<i>Egg Island—Concluded.</i>				
S. Peters.....	Lumber.....	55	68		
S. Bedard.....	Stove, chimney top, etc.....	47	75		
Beaudet & Chinic.....	Iron, glass and nails.....	16	05		
Audet & Robitaille.....	Rope and anchor.....	11	06		
T. Parent.....	Water barrels.....	6	75		
Renaud & Co.....	Lamp, chimneys and wicks.....	5	05		
Wm. Barbour.....	Paid for labor at crane.....	4	00		
J. Hamel et frères.....	Reflector cloth.....	3	63		
J. A. Pelletier.....	Lime.....	1	50		
				711	47
	<i>Ellis Bay.</i>				
R. Setter.....	12 months salary as Light-keeper.....	197	48		
do	do superannuation tax.....	2	52		
				200	00
	<i>Entry Island.</i>				
J. Cassidy.....	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax.....	3	75		
				300	00
do	Fuel, 1883-84.....	20	00		
do	Repairs to Lighthouse	35	00		
S. Peters.....	Lumber.....	56	25		
N. Dickson.....	Ground rent.....	15	00		
J. Hamel et frères.....	Curtains and reflector cloth.....	8	77		
G. T. Phillips.....	Sheet lead.....	5	84		
Beaudet & Chinic.....	Whiting, nails, etc.....	3	70		
S. Bedard.....	Grate.....	3	40		
T. Parent.....	Water barrel.....	2	50		
J. A. Pelletier.....	Lime.....	1	50		
				451	96
	<i>Etang du Nord.</i>				
T. O'Brien.....	12 months salary as Light-keeper.....	800	00		
do	Fuel, 1883-84.....	100	00		
do	Clearing drain, \$52; postage, \$2.....	54	00		
S. Peters.....	Lumber.....	82	90		
Beaudet & Chinic.....	Iron, paint and glass.....	15	50		
Whitehead & Turner.....	Tube brushes.....	10	00		
S. J. Shaw & Co.....	Rubber joints.....	10	84		
H. Leblanc.....	Right of way.....	8	00		
S. Bedard.....	Measures, kettle, etc.....	5	50		
J. A. Pelletier.....	Lime.....	3	00		
J. Hamel et frères.....	Reflector cloth.....	2	55		
G. T. Phillips.....	Lead.....	2	00		
Audet & Robitaille.....	Halyards.....	1	70		
				1,096	03
	<i>Fame Point.</i>				
Jas. Ascah.....	12 months salary as Light-keeper.....	\$395	00		
do	do superannuation tax.....	5	00		
				400	00
do	Fuel, 1883-84.....	20	00		
do	Fence, \$30; repairs to Lighthouse, \$20.....	50	00		
S. Bedard.....	Stoves.....	12	65		
Beaudet & Chinic.....	Files, whiting and putty.....	2	94		
Renaud & Co.....	Lamps, chimneys and wicks.....	6	03		
J. Hamel et frères.....	Reflector cloth.....	3	63		
W. M. McDonald.....	Wall paper.....	1	50		
J. A. Pelletier.....	Lime.....	1	50		
Audet & Robitaille.....	Halyards.....	1	70		
				499	92
	Carried forward.....			32,918	13

STATEMENT of Expenditure on account of Maintenance of Lights below Quebec, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward.....			32,918	13
	<i>Father Point.</i>				
J. McWilliams.....	12 months salary as Light-keeper.....	\$337	48		
do	do superannuation tax	2	52		
			340	00	
do	Fuel and water, 1883-84.....		30	00	
do	Repairs and postage		3	50	
Beaudet & Chinie.....	Nails, putty, paint, etc.		14	25	
S. Leclerc	Junk		10	08	
Renaud & Co.....	Chimneys, wicks, etc.		6	90	
E. Giroux et frère.....	Medicines		4	25	
J. Hamel et frères.....	Reflector cloth.....		3	81	
Audet & Robitaille.....	Halyards.....		1	75	
				414	54
	<i>Forteau.</i>				
M. T. Wyatt.....	12 months salary as Light-keeper	\$493	72		
do	do superannuation tax.....	6	28		
			500	00	
do	Repairs		79	00	
E. Giroux et frères	Medicines		19	15	
J. Marmen.....	Horse		100	00	
Fisher & Blouin	Harness		18	00	
Aug. Charrier	Halter and horse shoes.....		4	60	
J. B. Renaud & Co.....	Oats, bran, etc.		53	37	
H. J. Jeffery	Horse		80	00	
Audet & Robitaille.....	Rope and chain.....		33	36	
Beaudet & Chinie.....	Files, paint, putty, etc.....		29	00	
S. Bédard	Stove		15	00	
J. O'Sullivan	Horse shoes		3	60	
J. Hamel et frères	Reflector cloth		4	35	
S. Peters	Lumber		53	50	
E. Cazeau	Wheels		29	00	
G. Lamontagne	Clock and repairs		10	00	
T. Parent	Water barrels		5	25	
Renaud & Co.....	Chimneys, burners, etc.....		3	10	
	<i>Fog Whistle.</i>				
M. T. Wyatt.....	12 months salary as Engineer		300	00	
Noonan & Davies	86 tons coal, at \$2.40.....	\$206	40		
do	Commission, 2½ per cent.	5	44		
			211	84	
Wm. Wardman	Freight on 86 tons coal, at \$4	\$344	00		
do	Less, advance	6	00		
			338	00	
M. T. Wyatt.....	Hauling coals.....		398	10	
G. T. Phillips.....	Repairing hose, couplings, etc.....		186	48	
Beaudet & Chinie	Nails, screws, etc.		22	92	
S. J. Shaw & Co.....	Rubber and packing		16	10	
Whitehead & Turner.....	Tube brushes.....		9	00	
				2,522	72
	<i>Gaspé Basin.</i>				
B. Eden	12 months salary as Light-keeper		42	00	
Renaud & Co.....	Reflector		1	50	
Beaudet & Chinie	Whiting		0	90	
J. Hamel et frères.....	Reflector cloth		0	65	
				45	05
	Carried forward.....			35,900	44

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			35,900	44
	<i>Gaspé Lightship.</i>				
John Ascah	12 months salary as Light-keeper.....	400	00		
J. Hamel et frères	Reflector cloth		0 91		
	<i>Green Island.</i>			400	91
G. W. Lindsay	12 months salary as Light-keeper.....	\$853	72		
do	do superannuation tax.....		6 28		
do	Repairs		860 00		
J. Sullivan	Water tank		28 65		
R. Blakiston	Sails.....		73 86		
S. Bédard	Tinsmith's repairs, grate, etc.		53 00		
L. Leclerc	Junk.....		30 00		
G. M. Webster & Co.....	Bricks		15 12		
Hy. Black	Winch		10 95		
Audet & Robitaille	Chain, tar, etc.....		45 00		
T. Parent	Water barrel		12 21		
Beaudet & Chinic	Paint, brushes, files, putty, etc.		3 75		
J. A. Pelletier.....	Lime		6 80		
J. Hamel et frères.....	Reflector cloth		4 50		
			4 35		
	<i>Greenly Island.</i>			1,147	19
L. C. de Beaumont.....	12 months salary as Light-keeper.....	\$595	00		
do	do superannuation tax.....		5 00		
G. T. Phillips	Pump, pipe, etc.....		600 00		
L. Leclerc.....	Junk		25 35		
S. Peters	Lumber		25 45		
Beaudet & Chinic	Axe, soda, files, nails, etc.		46 47		
J. B. Renaud & Co.....	Oats and bran		12 05		
S. Bédard	Stove and pipes		43 34		
E. Giroux et frère	Medicines		21 95		
G. M. Webster & Co.....	Cement		4 55		
J. Hamel et frères.....	Reflector cloth		4 50		
J. Marmen.....	2 cords wood		4 71		
J. A. Pelletier	Lime		6 80		
Audet & Robitaille.....	Rope		6 00		
G. Lamontagne.....	Repairing clock		3 78		
			1 50		
	<i>Ile aux Coudres.</i>			806	45
H. Rednault.....	Salary for season of 1883-84		40 00		
S. Bédard	Lamp, chimney top, etc.		26 80		
Renaud & Co.	Lantern, chimneys and wicks		2 95		
Audet & Robitaille.....	Rope.....		0 91		
J. Hamel et frères	Reflector cloth		0 39		
	<i>Kamouraska.</i>			71	05
T. P. Desjardins	12 months salary as Light-keeper.....	\$444	40		
do	do superannuation tax.....		5 60		
do	Fuel, 1883-84		450 00		
do	Canoe, \$20; repairing boat, \$17.84		25 00		
S. Bédard	Lamps repaired.....		37 84		
Audet & Robitaille	Ensign		49 35		
Beaudet & Chinic	Screws, nails, etc.....		8 85		
T. Simard	Labour		7 13		
J. Hamel et frères	Reflector cloth		4 00		
			2 73		
	Carried forward			584	90
				38,910	94

STATEMENT of Expenditure on account of Maintenance of Lights below Quebec, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward			38,910	94
	<i>Lark Islet.</i>				
P. Bouillane	12 months salary as Light-keeper	\$197	48		
do	do superannuation tax	2	52		
do	Fuel, 1883-84		200	00	
J. Bouillane	Building wharf		30	00	
P. Bouillane	Flat boat		68	43	
do	Board of men at repairs		14	00	
Audet & Robitaille	Rope, cotton wicks, etc.		9	50	
S. Bedard	Stove, pipe, etc.		18	29	
Renaud & Co.	Lantern		43	40	
T. Parent	Water barrel		1	35	
J. Hamel et frères	Reflector cloth		3	75	
			2	19	
	<i>Lark Islet (Fog-Horn).</i>				
P. Bouillane	12 months salary as Engineer		200	00	
J. Bouillane	79½ cords wood, at \$2.92		232	87	
G. T. Phillips	Salonometer, packing, etc.		49	80	
Bisset Bros.	Reed and repairs		47	95	
Beaudet & Chinic	Bar iron, tools, etc.		24	13	
A. St. Laurent	Repairing horn		9	30	
G. T. Phillips	Gauge and glasses		16	42	
					971 38
	<i>Lower Traverse.</i>				
I. Gourdeau	Balance, contract for 1883.	\$1,700	00		
do	Account do 1884.	600	00		
			2,300	00	
P. P. Pouliot	Boat		139	00	
F. Gunn	Rope, canvass, etc.		48	25	
Audet & Robitaille	Canvass, rope, belaying pins, etc.		42	70	
G. T. Davie	Wintering on dock		200	00	
do	Wood and iron repairs		260	58	
do	Painting		66	95	
Beaudet & Chinic	Iron screws, paint, etc.		38	37	
A. Charrier	Watching		74	40	
S. Bedard	Stove		7	85	
R. Blakiston	Sails		90	65	
J. Hamel et frères	Reflector cloth		2	92	
T. Parent	Water barrel		2	50	
L. T. Delisle	9 days services at repairs		76	20	
W. Crawford & Co.	Moorage		7	25	
G. Lamontagne	Repairing clock		1	50	
	<i>Lower Traverse (Fog-Whistle).</i>				
F. Gunn	20½ tons coal, at \$5.50	\$114	54		
do	Cartage	10	24		
			124	79	
Carrier, Lainé & Co.	Repairing engine and boiler		286	55	
G. T. Davie	do do		212	20	
T. G. Gagnon	38½ cords wood, at \$2.50	\$96	26		
do	17½ do do	43	50		
			139	76	
G. T. Phillips	Valves, flanges, pipe		184	72	
S. J. Shaw & Co.	Rubber joints, forge, etc.		97	51	
W. Stephens	Coaling		15	00	
J. Mannen	2 cords wood, at \$3.20		6	40	
M. A. Dunn	Tallow		1	56	
					4,427 61
	Carried forward				44,309 93

**STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—Continued.**

		\$	cts.	\$	cts.
	Brought forward.....			44,309	93
	<i>Martin River.</i>				
J. Gauthier.....	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax.....	3	76		
do	Fuel, 1883-84.....		300	00	
do	Repairing house		25	00	
J. Hamel et frères.....	Reflector cloth		28	96	
			3	45	
				357	41
	<i>Manicouagan Lightship.</i>				
R. Leblanc.....	Balance of contract for 1883.....	\$2,150	00		
do	Account do 1884.....	650	00		
F. Gunn.....	Rope, canvas, etc.....		2,800	00	
Audet & Robitaille.....	Rope		83	98	
Beaudet & Chinic.....	Iron, screws, paint, etc.....		32	79	
W T. Davie.....	Towage		13	41	
J. Ruel.....	Laying up.....		10	00	
P. Stephens.....	Watching		44	40	
A. W. Glassford.....	Fire extinguisher		122	00	
Renaud & Co.....	Lantern, chimneys and wicks.....		40	85	
S. Bedard.....	Repairing lamps, etc.....		8	20	
A. Fraser & Co.....	Freight on chimneys, lantern, etc.....		78	00	
T. Parent.....	Water barrel.....		6	10	
G. Lamontagne.....	Repairing clocks.....		3	75	
W. H. Crawford.....	Moorage.....		3	00	
G. M. Webster & Co.....	Cement.....		7	25	
S. Peters.....	Lumber.....		4	00	
J. Hamel et frères.....	Reflector cloth.....		5	13	
			2	91	
	<i>Fog-Whistle.</i>				
G. T. Phillips.....	Repairs to Whistle.....		191	13	
R. Leblanc.....	Paid for 96½ cords wood, at \$2.50.....		241	87	
S. J. Shaw & Co.....	Tube expander, joints.....		129	10	
J. Ruel.....	Outfit to engine.....		79	40	
A. Kerr.....	Coaling.....		19	50	
M. A. Dunn.....	Tallow		6	50	
J. Marmen.....	1 cord wood		3	20	
H. Black.....	Castings		2	00	
G. Gunn.....	34 tons coal, at \$5.50	\$187	88		
do	Cartage.....	17	00		
			204	00	
				4,142	47
	<i>Matane.</i>				
O. Desjardins.....	12 months salary as Light-keeper.....	\$246	88		
do	do superannuation tax.....	3	12		
do	Fuel, 1883-84, \$20; house rent, \$15; stove pipes, \$2 90.....		250	00	
P. Jobin.....	Removing Lighthouse.....		37	90	
A. Marmen.....	Travelling expenses.....		611	93	
Beaudet & Chinic.....	Paint and brush		41	86	
N. St. Pierre.....	Freight on lumber.....		11	10	
J. Hamel et frères.....	Reflector cloth		19	90	
J. A. Pelletier.....	Line		2	37	
Audet & Robitaille.....	Halyards.....		1	50	
			1	80	
				978	36
	Carried forward.....			49,788	17

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			49,788	17
	<i>Maquereau Point.</i>				
A. Bertrand	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax.....	3	76		
				300	00
do	Fuel, 1883-84.....			20	00
do	Addition to house.....			194	50
do	Freight and cartage, \$1.50; repairing floor, \$10....			11	50
E. Chanteloup.....	Repairing oil cups.....			46	50
Audet & Rebitaille.....	Canvas, rope, etc.....			12	00
Beaudet & Chinic.....	Paint and brushes.....			19	16
E. Giroux et frère.....	Medicines.....			7	50
T. Parent.....	Water barrels.....			8	75
J. Hamel et frères.....	Curtains and glass cloth.....			8	77
Renaud & Co.....	Lamp, chimneys and wick.....			3	80
					632 48
	<i>Metis.</i>				
J. Martin.....	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax.....	3	76		
				300	00
do	Fuel, 1883-84, \$20; horse keep, \$20.....			40	00
do	Repairs to Lighthouse.....			23	60
J. Hamel et frères.....	Curtains and glass cloth.....			5	97
G. M. Webster & Co.....	Cement and bricks.....			4	37
S. Bedard.....	Repairing lamps.....			7	80
J. A. Pelletier.....	Lime.....			3	00
Renaud & Co.....	Chimneys and wicks.....			2	00
Audet & Robitaille.....	Halyards.....			1	75
					388 49
	<i>Montée du Lac.</i>				
E. Simard.....	12 months salary as Light-keeper.....	\$395	00		
do	do superannuation tax.....	5	00		
				400	00
do	Fuel, 1883-84.....			30	00
Beaudet & Chinic.....	Saw, files, axe handles.....			4	35
J. Hamel et frères.....	Glass cloth.....			2	37
Renaud & Co.....	Lamps and chimneys.....			4	35
					441 07
	<i>Montmagny.</i>				
J. B. Robin.....	Salary for season 1883-84.....			50	00
Renaud & Co.....	Lamp and chimneys.....			2	85
J. Hamel et frères.....	Glass cloth.....			0	39
					53 24
	<i>Murray Bay.</i>				
E. Maltais.....	Salary for season 1883-84.....			40	00
Audet & Robitaille.....	Rope.....			0	56
J. Hamel et frères.....	Glass cloth.....			0	39
					40 95
	<i>Oak Point.</i>				
M. Geraghty.....	12 months salary as Light-keeper.....			130	00
J. Hamel et frères.....	Reflector cloth.....			0	93
					130 93
	Carried forward.....			51,475	33

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			51,475	33
	<i>Paspebiac.</i>				
J. Loisel	12 months salary as Light-keeper	\$148	12		
do	do superannuation tax	1	88		
			150	00	
do	Fuel, 1883-84		20	00	
do	Blowing fog-horn		30	00	
J. Hamel et frères	Reflector cloth		2	37	
				202	37
	<i>Percé.</i>				
C. Bourget	12 months salary as Light-keeper	\$159	58		
do	do superannuation tax	0	84		
			160	42	
do	Fuel, 1883-84		25	00	
do	Blowing fog-horn		40	00	
do	Painting and repairs		15	30	
do	Postage		3	05	
J. Hamel et frères	Reflector cloth		2	37	
Beaudet & Chinic	Zinc and nails		2	60	
				248	74
	<i>Pilgrims.</i>				
D. Desjardins	12 months salary as Light-keeper	\$335	76		
do	do superannuation tax	4	88		
			340	64	
do	Fuel, 1883-84		48	00	
do	Water, \$20; repairing boat, \$6.96		26	96	
P. P. Pouliot	Boat		129	00	
J. Hamel et frères	Reflector cloth		2	37	
				546	97
	<i>Pillars.</i>				
D. Babin	12 months salary as Light-keeper	\$444	40		
do	do superannuation tax	5	60		
			450	00	
do	Fuel, 1883-84		25	00	
do	Repairing boat		28	55	
do	do lighthouse		46	90	
S. Peters	Lumber		40	89	
S. Bédard	Stove, chimney top, etc.		33	05	
F. Marcoux	Repairing chimney		22	50	
G. M. Webster & Co.	Bricks		10	75	
C. Vezina	Davits, bolts, etc.		18	90	
Audet & Robitaille	Rope		12	13	
Beaudet & Chinic	Plates and bolts		7	11	
Renaud & Co.	Water filter		7	00	
J. Hamel et frères	Reflector cloth		5	25	
J. A. Pelletier	Lime		3	00	
G. Lamontagne	Repairing cloth		1	50	
				712	53
	<i>Plateau Rock.</i>				
B. Asselin	9 months salary as Light-keeper		225	00	
T. D. Bond	3 do do		87	50	
B. Asselin	Fuel, 1883-84		20	00	
P. Jobin	Erecting lantern		108	74	
B. Asselin	Trench and repairs		106	70	
E. Eden	Erecting crane		67	35	
	Carried forward		615	29	53,185 94

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
Brought forward		615	29	51,185	94
<i>Plateau Rock—Concluded.</i>					
Bédard	Stove and pipe	53	00		
Chanteloup	Tools, \$48 71; ruby-glass, \$18.38	67	09		
Simard	Oil-tank	45	00		
B. Duil	Boat	42	50		
Sullivan	Water-tank	74	70		
Routier	Travelling expenses, inspecting	33	25		
North Shore Railway	Freight on lantern	32	41		
Blakiston	Sails	20	40		
Giroux et frères	Medicines	15	00		
caudet & Chinic	Paint, brushes, zinc, nails, etc.	15	16		
Parent	Water barrels	10	50		
caudet & Robitaille	Rope and chain	9	14		
enaud & Co.	Lamp, chimneys and wicks	6	55		
Lamontagne	Clocks	6	00		
Broussau	Ladders	3	80		
Hamel et frères	Glass cloth	1	80		
				1,051	59
<i>Pointe des Monts.</i>					
F. Fafford	12 months salary as Light-keeper	\$695	00		
do	do superannuation tax	5	00		
do				700	00
do	Repairing stable and outbuildings	63	90		
Chevalier	Boat	150	00		
do	Anchor, ballast	25	00		
Peters	Lumber	132	56		
caudet & Robitaille	Flag, rope, etc.	51	02		
Cazau	Sleigh and shafts	22	00		
B. Renaud & Co.	Oats, bran and hay	42	84		
caudet & Chinic	Iron, plates and paint	51	33		
Leclerc	Junk and tarred paper	37	34		
U. Gregory	Canoe	25	00		
Giroux et frère	Medicines	15	95		
Deroy	Freight on boat	15	00		
Hamel et frères	Reflector cloth	10	35		
Fraser & Co.	Freight on boards	10	15		
Lamontagne	Clock	5	00		
J. Shaw & Co.	Tools	5	60		
isher & Blouin	Reins and horse blankets	13	10		
Parent	Water barrel	6	25		
Houghton	Horse shoes	2	40		
A. Pelletier	Lime	3	00		
Bédard	Stove pipes, measure	10	20		
Tardiff	Spars	18	00		
enaud & Co.	Lamp and chimneys	6	90		
				1,422	89
<i>Point aux Orignaux.</i>					
H. Beaubien	12 months salary as Light-keeper	\$246	88		
do	do superannuation tax	3	12		
do				250	00
do	Fuel, 1883-84	12	00		
do	Painting tower	10	00		
caudet & Robitaille	Canvas and tacks	9	65		
Marmen	Travelling expenses	7	35		
Bédard	Stove pipes	4	30		
enaud & Co.	Chimneys and wicks	2	00		
Hamel et frère	Glass cloth	1	83		
caudet & Chinic	Putty	0	92		
				298	05
Carried forward				55,958	47

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward			55,958	47
	<i>Point Rich.</i>				
F. Lemieux.....	12 months salary as Light-keeper.....	\$595	00		
do	do superannuation tax.....	5	60		
do	Fuel, 1883-84.....		600	60	
S. Bedard.....	Stove, pipe and lamps.....		60	00	
S. Peters.....	Lumber.....		28	00	
G. T. Phillips.....	Metal bolts.....		18	70	
Beaudet & Chinic.....	Paint, brushes, nails.....		11	98	
J. Hamel et frères.....	Curtains and glass cloth.....		10	31	
G. M. Webster & Co.....	Cement.....		4	75	
J. A. Pelletier.....	Lime.....		3	00	
G. Lamontagne.....	Repairing clock.....		1	50	
Audet & Robitaille.....	Halyards.....		1	15	
Renaud & Co.....	Lantern.....		0	75	
					787 20
	<i>Point St. Laurent.</i>				
E. Chabot.....	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax.....	3	76		
J. Hamel et frères.....	Glass cloth.....		300	00	
			2	37	
					302 30
	<i>Point St. John.</i>				
J. Langlois.....	12 months salary as Light-keeper.....	\$296	24		
do	do superannuation tax.....	3	76		
do	Fuel, 1883-84, \$16; repairing roof and clock, \$16.70.		300	00	
Audet & Robitaille.....	Canvas and tacks.....		32	70	
J. Hamel et frères.....	Glass cloth.....		9	45	
			1	65	
					343 80
	<i>Portneuf (B).</i>				
D. Tremblay.....	12 months salary as Light-keeper.....	\$345	60		
do	do superannuation tax.....	4	40		
do	Fuel, 1883-84, \$30; horse keep, \$12.....		350	00	
do	Boat, \$180; repairs to boat, \$3.....		42	00	
Audet & Robitaille.....	Rope, canvas, etc.....		183	00	
S. Peters.....	Lumber.....		84	91	
E. Giroux et frère.....	Medicines.....		25	51	
S. Bedard.....	Chimney top and repairs.....		12	00	
Beaudet & Chinic.....	Axe, files and nails.....		11	95	
J. Hamel et frères.....	Glass cloth.....		6	60	
W. Barbour.....	Paid for labour at flagstaff.....		4	77	
T. Parent.....	Water barrel.....		4	00	
Renaud & Co.....	Chimneys.....		3	50	
			1	80	
					730 00
	<i>Red Island Lightship.</i>				
L. T. Delisle.....	Balance, contract 1883.....	\$1,900	00		
do	Account do 1884.....	500	00		
do	Repairs, freight and cartage.....		2,400	00	
Beaudet & Chinic.....	Paint, brushes, etc.....		12	62	
Audet & Robitaille.....	Flag, bunting, rope and canvas.....		17	21	
G. T. Davie.....	Towage.....		85	54	
			10	00	
	Carried forward.....		2,525	37	
					58,121 90

STATEMENT of Expenditure on account of Maintenance of Lights below Quebec, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward	2,525	37	58,121	92
	<i>Red Island Lightship—Concluded.</i>				
H. Martin	Patent anchor	355	70		
Gunn	Rope, canvas, etc.	209	54		
Couture	Laying up and outfitting	82	90		
Bédard	Repairing lamps	18	85		
Mullins	Watching	91	00		
Renaud & Co.	Chimneys and wicks.	10	45		
A. McCallum	Signal book and clock.....	9	00		
Hamel et frères.	Glass cloth	2	91		
W. H. Crawford & Co.	Moorage	4	50		
	<i>Fog-Whistle.</i>				
T. Phillips	Valves, flanges and pipes	159	48		
J. Shaw & Co.	do rubber and iron.....	120	23		
W. H. Crawford & Co.	22 chaldron coal, at \$7	154	00		
P. Pelletier	83½ cords wood, at \$2.75	229	87		
Beaudet & Chinic	Bar iron, tools, etc	37	04		
J. Vézina	Tools	37	60		
do	Repairing boiler	42	80		
Couture	Outfit to engine	43	40		
Marmen	2 cords wood, at \$3.20.....	6	40		
Heydn	Coaling	24	00		
A. Dunn	Tallow	6	50		
				4,171	54
	<i>Rivière du Loup.</i>				
T. Puize	Salary for season 1883-84	60	00		
Hz. Marquis	Repairing tower	9	50		
Beaudet & Chinic	Iron	3	38		
Hamel et frères	Glass cloth.....	0	47		
				73	35
	<i>Red Island Lighthouse.</i>				
Elzear Fraser	12 months salary as Light-keeper.....	\$653	72		
do	do superannuation tax.....	6	28		
do	Repairs to boat.....	660	00		
Peters	Lumber	30	00		
Bédard	Repairs, chimney-top, etc	131	46		
W. Fricault	Repairs to tower	40	15		
Audet & Robitaille	Chain, rope, blocks, etc.....	25	00		
Routier	Iron-work	31	55		
M. Webster & Co.	Bricks and cement	33	45		
Chanteloup	Ruby glass	18	75		
Hamel et frères	Glass cloth	12	00		
Renaud & Co.	Lamps, chimneys and burners	11	07		
W. M. McDonald	Wall paper	13	80		
I. C. Bertrand & Co.	Rowlocks, etc.	4	20		
A. Pelletier	Lime	3	05		
		3	00		
				1,017	48
	<i>St. Alphonse.</i>				
J. Gagné	12 months salary as Light-keeper	40	00		
Bédard	Lamps	13	80		
J. Gagné	Repairs	4	95		
				58	75
	Carried forward.....			63,442	94

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			63,442	9
	<i>St. Francis Range.</i>				
J. Lepage	12 months salary as Light-keeper		75 00		
J. Marceau	12 do do		75 00		
do	Fuel, 1883-84		12 00		
J. Lepage	do		12 00		
do	Lantern, freight, etc.		5 55		
Beaudet & Chinic	Zinc, nails, etc.		6 80		
Audet & Robitaille	Halyards		4 50		
J. Hamel et frère	Reflector cloth		0 88		
				191	7
	<i>Seven Islands.</i>				
F. Arcand	12 months salary as Light-keeper	\$495	00		
do	do superannuation tax		5 00		
do			500	00	
do	Fuel, 1883-84, \$30; road, \$15; repairs to boat, \$33.25		78	25	
Beaudet & Chinic	Paint, brushes, zinc, nails, etc.		12	07	
G. M. Webster & Co	Cement		4	50	
S. Peters	Shingles		9	00	
Audet & Robitaille	Pulleys, rope, etc.		4	10	
J. Hamel et frères	Glass cloth		3	09	
S. Bédard	Stove pipes		2	10	
Renaud et Cie	Lamp and chimneys		1	50	
J. A. Pelletier	Lime		1	50	
				616	1
	<i>Upper Traverse.</i>				
E. Pelletier	Balance, contract 1883	\$1,200	00		
do	Account do 1884		300	00	
do			1,500	00	
do	Paid for caulking, &c.		98	09	
do	do assistance		80	00	
R. Leblanc	Services, 10 days		96	30	
G. T. Davie	Wintering in dock		200	00	
do	Wood and iron repairs		833	54	
do	Scraping and painting		18	00	
F. Gunn	Rope and canvas		50	11	
Beaudet & Chinic	Bar iron, tools, etc.		18	23	
Audet & Robitaille	Wire rope, canvas, etc.		39	88	
A. Charrier	Watching		20	00	
S. Bédard	Stove		16	00	
H. Dinning & Co	Water tank		10	00	
Renaud & Co	Burners and chimneys		6	30	
T. Parent	Water barrel		2	50	
A. McCallum	Repairing compass		1	50	
E. Giroux et frère	Medicines		1	50	
G. Lamontagne	Repairing clock		1	50	
J. Hamel et frères	Reflector cloth		1	47	
				2,994	9
	<i>Contingencies.</i>				
J. U. Gregory	12 months salary as Agent	\$1,960	00		
do	do superannuation tax		40	00	
			2,000	00	
L. A. Blanchet	do salary as Accountant	980	00		
do	do superannuation tax		20	00	
			1,000	00	
E. E. Buteau	do salary as Clerk	882	00		
do	do superannuation tax		18	00	
			900	00	
	Carried forward		3,900	00	
				67,245	8

STATEMENT of Expenditure on account of Maintenance of Lights below Quebec, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward.....	3,900	00	67,245	80
	<i>Contingencies.—Concluded.</i>				
W. Barbour.....	12 months salary as Superintendent of Lights.....	1,176	00		
do	do superannuation tax	24	00		
				1,200	00
L. A. Blanchet.....	do petty cash expenditure.....			894	00
A. G. Tourangeau.....	Postage.....			212	29
Bell Telephone Co.....	Rent of telephone.....			105	00
Mrs. Maybury.....	Washing offices.....			5	25
British American Bank Note Co.....	Cheque books	43	50		
Dawson & Co.....	Binding.....	9	05		
City Corporation.....	Water taxes.....	22	00		
J. Hamel et frères.....	Towels, cloth for desks	11	94		
L. Arel.....	Ice.....	10	00		
J. J. Foote.....	Subscription to "Chronicle".....	6	00		
O. Simard.....	Putting up stoves.....	6	85		
J. Delage.....	Sawing wood.....	15	00		
J. Battle.....	Watching premises.....	31	00		
J. Marmen.....	15 cords maple, \$4.50.....	67	50		
C. E. Holwell.....	Binding reports.....	6	80		
L. Forgues.....	4 cords wood, \$3.20.....	14	80		
L. Marceau.....	Sawing wood.....	16	00		
S. B. Foote.....	Subscription to "Shareholder".....	4	00		
J. P. Dery.....	Stationery.....	28	75		
				6,609	73
	<i>Buoys and Beacons.</i>				
T. Parent.....	New buoys.....	750	00		
do	Repairing buoys.....	996	35		
C. Vezina.....	Moving buoys, chains.....	740	27		
Beaudet & Chinic.....	Iron for chains.....	197	13		
H. Black.....	Sinkers.....	408	60		
W. Barbour.....	Travelling expenses	150	00		
Audet & Robitaille.....	Chain.....	6	85		
O. Pelletier.....	Cartage	16	50		
Auger & Martineau.....	Paint.....	8	00		
S. Peters.....	Lumber.....	27	50		
S. J. Shaw & Co.....	Paint and brushes.....	19	20		
O. Simard.....	Paint brushes	6	15		
A. Marmen.....	Travelling expenses	13	80		
P. Connolly.....	Clearing snow	18	00		
P. Waite.....	Scraping and washing.....	21	50		
A. Marmen.....	Placing buoy	20	50		
P. D. Rouleau.....	do Cock Point.....	28	73		
Intercolonial Railway.....	do	12	00		
Elm. Landry.....	do Carleton Point.....	30	00		
D. F. de St. Aubin.....	do Matane.....	67	00		
J. Mercier.....	do Rivière Ouelle.....	6	00		
J. Eden.....	do Gaspé.....	49	50		
J. Cassidy.....	do Amherst Island.....	25	00		
K. Cauchon.....	do North Channel.....	68	00		
H. Leblanc.....	do New Richmond.....	32	22		
E. Maltais.....	do Murray Bay.....	18	00		
Leboutilier & Co.....	do Percé.....	16	00		
L. H. Lachance.....	do	200	00		
J. Parent.....	Labor.....	47	00		
E. Patterson.....	do	9	00		
E. Samson.....	do	3	00		
E. Lebel.....	Salvage	10	00		
P. St. Pierre.....	do	10	00		
	Carried forward.....	4,031	80	73,855	53

**STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—Continued.**

		\$ cts.	\$ cts.
	Brought forward.....	4,031 80	73,855 53
	<i>Buoys and Beacons.—Concluded.</i>		
Elz. Lavoie.....	do	15 00	
T. Raymond.....	do	10 00	
M. Abel	do	12 00	
S. Veit.....	Erecting beacon	70 75	
			4,139 53
	<i>General Account.</i>		
T. Routier.....	Carpenters, blacksmiths and joiners repairs	1,707 65	
J. Marmen.....	Cartage of supplies	618 61	
J. G. Bruneau.....	Salary as clerk in office.....	823 50	
G. D. O'Farrell	do	640 50	
G. N. W. Telegraph Co.....	Messages.....	452 06	
J. Hamel et frères.....	Flannel, chamois, etc.....	2,356 46	
Queen's Wharf	Storage of oil,	369 78	
J. Eden.....	15 months salary as Agent at Gaspé, from April, '83.	125 00	
Beaudet & Chénic.....	Paints, screws, nails, etc	512 17	
G. T. Phillips.....	Laying pipes, etc	118 08	
Audet & Robitaille.....	rope, blocks, canvass.....	136 46	
O. Simard	Tanks, canisters, etc.....	188 25	
G. Glassford	Pumps, charges, stocks and dies, etc.....	525 45	
Imperial Oil Co.....	19,590 52 galls. petroleum at 25.....	4,897 63	
Auger & Martineau.....	Spikes, paint, etc.....	121 79	
Felthousen & Russell.....	Line	54 65	
S. Peters.....	Lumber	736 91	
E. Chanteloup.....	Wire rope.....	130 35	
E. Giroux.....	Medicine	17 35	
A. E. Vallerand.....	Scissors.....	25 00	
J. A. Langlais.....	Books.....	57 00	
J. P. Dery.....	Stationery.....	312 44	
Dawson & Co.....	do	32 60	
T. Parent.....	Cooperage	180 83	
F. Gunn.....	Canvass.....	22 96	
E. Bégin.....	Canoe	80 00	
S. J. Shaw & Co.....	Tube expanders, rubber, etc.....	182 37	
Renaud & Co.....	Lamps, chimneys and wicks.....	40 85	
S. Bédard	Buckets, pipes and repairs.....	331 57	
J. Battle.....	Watching premises.....	91 00	
J. Dunn.....	Soap	258 00	
A. J. Turcotte.....	Brooms, brushes, cotton waste.....	390 75	
Hy. Dinning & Co.....	Water tanks.....	43 54	
J. Desjardins.....	Lumber	443 13	
F. O. Vallerand	Lanterns and chimneys.....	69 60	
A. Marmen.....	Services.....	180 00	
A. R. Pruneau.....	14 chaldrons coal, at \$9	126 00	
W. Stephenson.....	Kindling wood.....	48 00	
W. Barbour.....	Cartage and landing stores.....	153 30	
do	Allowance for board	100 00	
Beaudet & Chénic.....	10,000 lbs. powder, at 22c	\$2,200 00	
do	Crossing, \$20; cartage, \$10	30 00	
do	Storage, \$40; blankets, \$5	45 00	
		2,275 00	
R. Borland & Co.....	1 chaldron coal and cartage.....	10 00	
G. M. Webster & Co.....	3½ chaldrons coal, \$8	\$28 00	
do	2 375 tons coal, \$8; weighing, \$17.58.....	17 73	
		45 73	
E. Desgagne.....	Chimney cleaners.....	18 00	
Mrs. J. Morin.....	do	36 00	
W. C. Seaton.....	Wick trimmers.....	40 00	
J. Carroll.....	Advertising.....	50 00	
	Carried forward.....	20,176 32	77,995 00

STATEMENT of Expenditure on account of Maintenance of Lights below
Quebec, etc.—*Concluded.*

			\$	cts.	\$	cts.
	Brought forward.....		20,176	32	77,995	08
	<i>General Lighthouse.—Concluded.</i>					
J. Marmen.....	11 cords wood, at \$4.50.....	\$49	50			
do	3 do at \$3.90	11	70			
				61	20	
J. Eden.....	Coal yard rent.....			100	00	
do	Postage and telegrams.....			16	21	
do	Salvage of scow.....			8	75	
Hy. Black.....	Castings.....			28	80	
T. Berrigan.....	Clearing snow.....			35	00	
P. Martin	Storage of oil.....			33	75	
J. Bernier.....	Repairs to ceiling.....			13	00	
A. W. Lang.....	Flag			8	55	
Richelieu Co.....	Freight of supplies.....			8	77	
A. Cherrier.....	Directory.....			4	00	
J. Joseph.....	Paint.....			5	10	
I. Dussault.....	Repairing canoe			6	70	
T. Desroches.....	do			20	00	
R. I. Chamard.....	do			20	00	
D. Damour.....	do			2	20	
E. Mathurin.....	Labor			6	50	
M. Fitzhenry.....	Bags for powder.....	225	00			
do	Mending bags.....			3	00	
H. S. King & Co.....	Subscription to Nautical "Magazine"			7	41	
S. Trout	do "Monetary Times"			4	00	
L. J. Demers.....	do "Le Canadien"			5	00	
J. J. Foote	do "Chronicle"			6	00	
J. Delage.....	Sawing wood.....			13	00	
A. Fraser & Co.....	Freight			1	65	
P. Bedigaré	Keys and locks, repaired.....			6	65	
L. Guerard.....	Repairing tables.....			2	10	
J. Verret.....	Ladders, brooms and knees.....			23	60	
J. Rolph.....	Paid for labour landing stores.....			99	30	
R. Patterson.....	Labor			7	50	
L. Marois.....	Baskets			2	60	
A. J. Turcotte	139½ galls. turpentine, \$1.....	\$139	66			
do	Cartage.....	0	30			
				139	96	
S. Veit.....	Freight on 92 tons coal, \$1.50			138	00	
J. Dutel.....	Paddles			6	00	
G. Gastanguay	Empty bags			7	70	
J. Couturier.....	Labor at coal oil			28	75	
L. Laforce.....	do			6	00	
G. Lamontagne.....	Repairing clocks.....			3	00	
J. Ryan.....	Labor			3	50	
Bureau & Demers	Repairing bellows.....			4	00	
Canadian Express.....	Freight of supplies.....			13	70	
A. Marmen.....	Travelling expenses.....			4	50	
H.M. Paymaster-General.	50,000 friction tubes, £376 4s. 2d.....			1,830	88	
					23,147	65½
Queen's Printer.....	Printing, stationery, etc.....				101,142	
					159	62
	Total.....				101,302	35

WM. SMITH,
Deputy Minister of Marine and Fisheries.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 4.

To the Seventeenth Annual Report of the Department of Marine and Fisheries being Statement of Expenditure in connection with the Maintenance of Light-houses, Steam Fog-Whistles, etc., in Nova Scotia, for the Fiscal Year ended 30th June, 1884.

GENERAL ACCOUNT.		\$ cts	\$ cts
E. Chanteloup.....	Burners and wicks	338 25	
Lordly & Stimpson.....	Brooms and buckets	137 50	
J. Overy	Truckage of supplies.....	100 51	
George C. Morton.....	Postage stamps	304 00	
A. & W. Mackinlay.....	Stationery	80 14	
City of Halifax.....	Repairing fire plug	12 88	
Starr Manufacturing Co.....	Repairing reflectors, etc.....	84 12	
Imperial Paint Co	Roofing paint	22 50	
J. Hogan & Sons.....	Lumber	130 94	
Fishwick's Express.....	Freight supplies	101 07	
Intercolonial Railway.....	do	56 58	
Sarah Dempsey.....	Rent of life-boat house, Herring Cove, 2 years to 17th June, 1884.....	50 00	
Michael Walsh	Travelling expenses	44 00	
Thomas Ead.....	Labor on coal	5 10	
Bell Telephone Co	Rents	90 00	
W. M. Smith.....	Examining boilers	10 00	
H. Haverstock	Boxes	106 20	
R. A. Guildford.....	Freight supplies	39 90	
Albert Graves.....	Casks, kegs coopering	318 35	
J. J. Robertson	Survey and plans of land	29 00	
Blowers & Archibald.....	Steel hawser.....	60 00	
Smith Bros.....	Charter of schooner "Lairg"	1,500 00	
T. Forrest.....	Wharfage and storage of lumber.....	6 90	
Joseph Cashin.....	Straw	4 13	
John White.....	Stovepipe	6 00	
J. C. Butler	Flagstaff for store	3 90	
J. A. Matheson	Lamp wick	1 47	
J. Fleming & Co.	Handpriers	12 00	
Conlon Bros.....	Hack hire.....	25 25	
Wm. Routledge.....	Survey of land at Grand Narrows, C.B.....	19 00	
J. E. M. Taylor.....	Plate glass.....	55 20	
Duffus & Co.....	Coal bags	65 20	
W. C. Nacnab.....	Plans of land at Boularderie, C.B.....	7 00	
S. Cunard & Co.....	Coals for blacksmith shop.....	47 25	
W. R. Outler	Deeds and registry fees, lands for pole lights.....	71 40	
Macdonald & Co.....	Repairing Lighthouse machinery, clocks, etc.....	593 64	
Jacob Bowser.....	Travelling expenses	43 45	
J. F. Phelan.....	Freight on lanterns.....	6 90	
C. E. Fairbanks.....	Copying plans	24 70	
J. D. McDougall.....	Stencil plates	5 05	
J. R. Gordon	Alcohol	37 50	
R. H. Cogswell.....	Hoisting time ball, rating chronometer	103 00	
Clifton Manufactur'g Co.	Wick trimmers	30 00	
Halifax Carpet Co.....	Mat and matting	6 34	
Thomas Doyle.....	Casks	68 25	
Theakston & Angwin....	Nails, glass, hardware, etc.....	378 59	
J. R. Bent	5 gallons porpoise oil, at \$1.50; tin, 75c	8 40	
T. Forhan & Co.....	Repairing flags.....	4 50	
J. E. Butler.....	Oars for life boats.....	48 88	
W. G. Jean.....	Recording deeds.....	3 50	
Cunningham & Curren..	Wharfage shipping	4 10	
Geo. C. Smith & Co.....	Turpentine, nails, brushes, etc.....	1,607 45	
J. K. Christie	Blacksmith's wages.....	704 25	
Carried forward.....		7,624 24	

STATEMENT of Expenditure in connection with the Maintenance of Light-Houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....	7,624	24		
GENERAL ACCOUNT— <i>Continued.</i>					
Malcom McNeil.....	Blacksmith's wages.....	381	88		
John Cawsey	Altering forge.....		3 10		
J. P. Mott & Co	Soap, tallow, lime.....	1,390	80		
Burns & Murray	Cotton, flannel, etc.....	576	04		
Nova Scotia Glass Co.....	Chimneys.....	1,732	12		
Union Glass Co	do	207	00		
Chas. Neal.....	Labor, truckages, freights	1,355	33		
James Simmonds.....	Tinware	292	90		
John White	do repairing oil tanks.....	97	85		
Alpin Grant.....	Rent of wharf and stores for 1 year.....	1,500	00		
Imperial Oil Co.....	51,266-58 gallons oil, at 26c.....	13,329	32		
do	16,437-51 do 22½c.....	3,698	44		
D. McPherson	Storing and delivering oil	347	70		
John Findlay	Building and repairing boats.....	317	00		
W. F. Morgan	Annual register		3 00		
H. W. Johnston	12 months salary as Agent	\$1,960	00		
Receiver-General	do superannuation tax.....	40	00		
		2,000	00		
Henry Dolby	do salary as Clerk.....	\$1,078	00		
Receiver-General	do superannuation tax.....	22	00		
		1,100	00		
W. J. Ouldfeld.....	Salary as Messenger.....	305	00		
P. Ouldfeld	Cleaning offices and washing towels.....	103	50		
D. McAlpine & Co.....	City directories	5	50		
W. & J. Glendenning.....	Ice for offices	4	00		
Toronto "Mail"	Subscription for 1 year.....	7	00		
British America Bank Note Co	Cheque books	33	75		
Creighton & Marshall.....	Letter books, binding reports, etc.....	24	91		
Geo. Rent.....	Box for papers.....	1	50		
Gordon & Keith	Repairing office furniture, chairs.....	32	50		
Western Union Telegraph Co.....	Telegrams	354	29		
St. John "Daily News"	Advertising	5	25		
C. Annand.....	do in "Chronicle"	30	72		
do	Subscription to "Chronicle" and "Citizen".....	10	00		
"Herald" Printing Co.....	Advertising	121	30		
do	Blank books, returns, etc	353	50		
do	Subscription to "Herald" and "Mail" for 2 years.....	24	00		
Liverpool "Times"	Advertising	2	80		
"Advocate" Publishing Co	do	2	24		
"Watchman"	do	2	24		
"Western Chronicle"	do	5	68		
"Presbyterian Witness"	do	2	24		
Antigonish "Casket"	do	5	68		
Digby Publishing Co.....	do	2	24		
Post Office	Rent of box	4	00		
"Trades Journal"	Advertising	3	00		
Colchester "Sun"	do	5	68		
"Weekly Monitor"	do	2	24		
St. John "Sun"	do	26	80		
Windsor "Mail"	do	2	24		
"Standard" Publishing Co	do	2	80		
"New Era"	do	7	10		
C. M. Creed	Subscription to reading room	6	00		
H. S. King & Co.....	Nautical Magazine.....	3	65		
Yarmouth "Times"	Subscription and advertising.....	5	80		
North Sydney "Herald"	Advertising	2	80		
"Provincial Wesleyan"	do	2	24		
	Carried forward	37,470	94		

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward	37,470 94	
	GENERAL ACCOUNT— <i>Concluded.</i>		
Edward Burnett	Labor and watching.....	517 50	
James Major	do	397 00	
Henry Metzler	Labor at wharf.....	18 00	
			38,403 41
	FOG-WHISTLES.		
	<i>Brier Island.</i>		
A. W. Suthern.....	Hauling water	3 75	
Chas. Pugh.....	do	12 00	
Burrill, Johnson & Co.....	Repairing steam pump.....	80 23	
James Morrill.....	Teaming supplies.....	7 50	
Joggins Coal Co.....	131 tons coal, at \$2.40	314 40	
P. S. Blake.....	Freight do 2.50	327 50	
E. Porter, and others.....	Teaming coal.....	183 40	
Bowers & Havey.....	Wood	37 37	
Macdonald & Co.....	Check valves, castings	63 39	
Frank Suthern.....	12 months salary as Keeper.....	\$493 76	
Receiver-General	do superannuation tax	6 24	
		500 00	1,529 54
	<i>Cape Sable.</i>		
F. Atwood.....	Freight, 37 tons coal, at \$5.....	185 00	
Joggins Coal Co.....	195 tons coal, at \$2.40.....	468 00	
B. D. King	Freight do 4.50.....	877 50	
S. Cunard & Co.....	37 tons coal, at \$3.15.....	116 55	
Macdonald & Co.....	Gauge glasses.....	9 29	
Burrill, Johnson & Co.....	Repairing boiler	838 14	
J. K. Doane.....	Wood, carting coal, etc.....	161 83	
			2,656 31
	<i>Cape d'Or.</i>		
R. A. Abbott.....	Blocks.....	9 00	
R. & J. Seeton, & Co.....	Tarred paper.....	30 12	
John P. Mott & Co.....	Lime.....	45 00	
R. H. Cogswell.....	Clock.....	4 50	
W. J. Gibson.....	Zinc	51 76	
A. E. McLeod.....	Lime and plaster.....	16 38	
James Gillespie.....	Shovels, saw.....	7 15	
John Hogan & Sons.....	Bricks.....	234 00	
C. Knowlton.....	Boat hire.....	9 00	
N B. Morris.....	Labour, supplies.....	196 96	
J. W. Crossman.....	do	15 00	
John Hanning.....	Boating brick.....	26 00	
Joseph Creelman.....	Labour.....	9 00	
G. E. Smith & Co.....	Glass, putty, rope, paint	57 40	
Austin Smith.....	Boating sand.....	9 37	
N. T. Barto.....	do	29 62	
J. C. Morris, and others.....	Erecting new boiler.....	1,141 53	
A. S. Townsend.....	Freight, supplies.....	5 51	
Macdonald & Co.....	Repairing machinery, supplies.....	420 81	
A. H. Rand.....	Materials and labour staying chimney.....	69 30	
do	12 months salary as Engineer	\$493 76	
Receiver-General	do superannuation tax.....	6 24	
		500 00	
J. P. Rand	12 months salary as Assistant.....	150 00	
Leopold Morris.....	do	150 00	
			3,187 41
	Carried forward.....		45,776 67

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		45,776 67
	FOG-WHISTLES—Continued.		
	<i>Cranberry Island.</i>		
James McDonald	10 cords wood	60 00	
G. E. Smith & Co.	Blacksmith's tools	6 20	
Archibald & Co.	125 tons coal, at \$5.50	952 50	
Macdonald & Co.	Steam whistle, bells	73 60	
do	Boiler tubes	184 00	
do	Boiler felt, bellows	83 05	
W. S. Symonds & Co.	Repairs	31. 08	
Jas. Lepper	Board boilermakers	32 00	
			1,702 43
	<i>Cross Island.</i>		
R. Heisler	Wood, teaming coal, etc.	63 00	
Jacob Inglis	Conveyance of machinery	10 00	
J. Hogan & Sons	Lumber	1 38	
G. E. Smith & Co.	Iron, tallow, etc.	14 77	
S. Cunard & Co.	50 tons coal, at \$3.15	157 50	
D. Waddell	Freight of coal and oil	170 00	
Macdonald & Co.	Machinists' supplies, repairs	177 70	
W. S. Symonds & Co.	Smoke stack	34 35	
do	Boiler tubes, re-tubing boiler	92 50	
do	Repairing pump	60 50	
			781 70
	<i>Digby.</i>		
Joggins Coal Co.	106½ tons of coal, at \$2.40	255 60	
B. D. King	Freight do 1.25	133 00	
J. W. Hayden	Teaming water	6 00	
W. S. Symonds & Co.	Repairing boiler	90 40	
Macdonald & Co.	Gauge glasses and rubber	8 40	
W. E. Ellis	Hauling coal	116 80	
do	Board of boilermakers	9 05	
			619 25
	<i>St. Paul's Island.</i>		
Richard Abbott	Blocks	4 50	
J. Hogan & Sons	Lumber and shingles	56 60	
J. Fleming & Co.	Oars	13 00	
W. S. Symonds & Co.	Boiler tubes	14 68	
Archibald & Co.	146 tons of coal, at \$4.75	693 50	
Macdonald & Co.	Tube rods, bell, repairs, etc.	64 12	
Theakston & Angwin	Wick, saw blades and hinges	2 22	
Robt. Muirhead	12 months salary as Light-keeper	\$493 76	
Receiver-General	do superannuation tax	6 24	
		500 00	
			1,348 62
	<i>Seal Island.</i>		
Joggins Coal Co.	105 tons of coal, at \$2 40	257 25	
B. D. King	Freight do 4.50	472 50	
J. Tobin & Co.	Hauling coal	136 50	
R. J. Sweet	8 cords of wood, at \$4	32 00	
G. O. Smith & Co.	Steel and zinc	5 01	
			903 26
	Carried forward		51,131 93

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward.....			51,131	93
FOG-WHISTLES—Continued.					
Sambro Island.					
Chas. Neal.....	Labour for coaling.....	67	45		
John Smith.....	15 cords of wood, at \$5.50.....	82	50		
A. Gilkie.....	Board of labourers and mechanics.....	169	50		
W. S. Symonds & Co.....	Repairing machinery and supplies.....	581	52		
Capt. H. C. Dawson.....	Rent of land.....	0	24		
Michael Walsh.....	Trolley cars.....	96	00		
do.....	Repairing whistle-house, etc.....	351	71		
M. M. Myatt.....	Conveyance of boilermakers and machinery.....	32	00		
West India Wharf.....	80 tons of coal, at \$3.20.....	256	00		
S. Cunard & Co.....	92 do 3.15.....	289	80		
James Collins.....	Labour coaling.....	7	50		
D. Waddell.....	Freight of coal, etc.....	500	00		
Thomas Ead.....	Labour coaling.....	29	70		
Theakston & Angwin.....	Nails, rope, etc.....	62	88		
Joggins Coal Co.....	165 tons of coal, at \$2.40.....	396	00		
Smith Bros.....	Freight on coal.....	198	00		
J. Hogan & Sons.....	Lumber and shingles.....	248	31		
Macdonald & Co.....	Machinists' supplies.....	843	94		
Hugh Rogers.....	Labour and conveyance of carpenters.....	15	70		
Richard Barry.....	Labour coaling.....	23	40		
Acadia Coal Co.....	78 tons of coal, at \$3.10.....	241	80		
				4,493	95
Scatterie.					
J. W. Brown.....	10 cords of wood, at \$4.25.....	42	50		
do.....	Board of boilermakers.....	21	72		
W. S. Symonds.....	Repairing boiler and machinery, putty, etc.....	339	33		
Archibald & Co.....	58 tons of coal, at \$4.50.....	225	00		
Joseph Spencer.....	Freight and supplies.....	5	00		
Macdonald & Co.....	Repairing steam chest, etc.....	31	65		
Malcom Ferguson.....	Labour in ditch.....	5	36		
do.....	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
				400	00
				1,070	56
Shelburne.					
John Taylor.....	Barrows.....	6	00		
G. A. Cox.....	Hardware, fuse, powder, nails, etc.....	33	65		
Wm. Muir.....	Labour and conveyance of luggage.....	57	75		
Jas. Ralph, and others..	do at tramway.....	107	17		
Theakston & Angwin.....	Wire, rope, iron, etc.....	107	75		
Henry Watt.....	Building whistle house, tramway, etc.....	980	82		
J. P. Trefrey.....	Board of carpenters.....	13	50		
J. P. Gregory.....	Mason work.....	13	12		
Joggins Coal Co.....	23 tons of coals, at \$2.40.....	55	20		
Isaiah Sabian.....	Freight of supplies.....	20	00		
Intercolonial Railway...	Freight of machinery.....	34	40		
Smith Bros.....	Freight of coals.....	115	00		
J. Hogan & Sons.....	Lumber and cement.....	132	09		
Macdonald & Co.....	Machinery and supplies, outfit, etc.....	959	42		
Western Co's. Railway...	Conveyance of carpenters.....	13	00		
Thomas C. Ryer.....	Board of mechanics.....	33	70		
J. Devine.....	Mason work.....	26	62		
Joseph McGill.....	Blacksmith work.....	29	90		
Wm. McLean.....	Sand.....	59	87		
Henry Carr.....	Labor.....	34	00		
				2,832	96
				56,696	44
	Brought forward.....				

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-whistles, etc., in Nova Scotia, etc.—Continued.

		\$ cts	\$ cts.
	Brought forward.....	2,832 96	56,696 44
	FOG-WHISTLES—Concluded.		
	Shelburne—Con.		
Wm. Devann	Labor and travelling expenses	112 50	
John White.....	Stove and pipe.....	16 50	
Francis Demings	Board of mechanics.....	298 50	
R. H. Cogswell.....	Timepiece.....	4 50	
S. Perry.....	Conveyance of pump	2 00	3,266 96
	Yarmouth.		
Burrell, Johnson & Co ...	Repairs	298 15	
Joggins Coal Co.....	126 tons of coal, at \$2.40.....	302 40	
P. T. Blake.....	Freight do \$3.65.....	459 90	
Jacob Harris.....	Use of road	6 00	
John Sweeny	10 cords of wood, at \$6.....	60 00	
Thomas S. Doane	Hauling water	21 75	
W. R. Crawley	Wheelbarrow	5 00	
G. J. Morton	Stove pipes and chimnies	1 43	1,154 63
	LIGHTHOUSES.		
	SUPERINTENDENT OF LIGHTS.		
D. M. Brown.....	Travelling expenses	300 00	
do	7 months and 18 days, to 18th Feb., 1884, salary as Superintendent.....	\$590 00	
Receiver-General	Superannuation tax.....	10 00	
		600 00	
A. A. Hutchins.....	Travelling expenses	200 00	
do	4 months and 11 days, to 30th June, 1884, salary as Superintendent	\$430 67	
Receiver-General	Superannuation tax.....	8 78	
		439 45	1,539 45
	Amet Island.		
D. & A. Campbell.....	Repairing protection work	117 00	
Zebud Mulnes.....	Expenses to Island	12 65	
John McFarlane	Boat slip, winch, etc.....	29 50	
do	12 months salary as Light-keeper.....	\$443 76	
Receiver-General	do superannuation tax	6 24	
		450 00	609 15
	Annapolis.		
W. E. Ellis	Hauling supplies	11 30	
do	12 months salary as Light-keeper.....	\$795 00	
Receiver-General	do superannuation tax.....	5 00	
		800 00	811 30
	Apple River.		
James Tate.....	Painting	15 00	
do	12 months salary as Light-keeper.....	\$375 28	
Receiver-General	do superannuation tax.....	4 72	
		380 00	395 00
	Carried forward.....		64,472 93

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued*,

		\$	cts.	\$	cts.
	Brought forward			64,472	93
	LIGHTHOUSES—Continued.				
	<i>Arichat.</i>				
W. Stairs, Son & Morrow	Repairs	7	10		
John McAckill	do	25	53		
Chris. Coste	12 months salary as Light-keeper	\$246	88		
Receiver-General	do Superannuation tax	3	12		
			250	00	
	<i>Argyle.</i>				282 63
H. H. Hamilton	Wire stays and iron work	58	00		
do	Alterations, repairs, etc	84	50		
do	Repairs to boat	14	02		
do	Painting	10	00		
do	12 months salary as Light-keeper	\$345	64		
Receiver-General	do superannuation tax	4	36		
			350	00	
	<i>Abbott's Harbor.</i>				516 52
James D. Entremont	12 months salary as Light-keeper				20 00
	<i>Advocate Harbor.</i>				
Henry Watt	Inspecting building				32 30
	<i>Barrington.</i>				
Geo. H. Snow	Conveying supplies	6	00		
do	12 months salary as Light-keeper	\$345	00		
Receiver-General	do superannuation tax	5	00		
			350	00	
	<i>Beaver Island.</i>				356 00
Michael Anderson	Boat	26	00		
Macdonald & Co	Repairing lamps	16	30		
Geo. E. Smith & Co	Rope	10	35		
John W. Hall	Boat hire and boat sails	8	29		
do	12 months salary as Light-keeper	\$395	00		
Receiver-General	do superannuation tax	5	00		
			400	00	
John W. Hall	Repairing boat		10	00	
	<i>Bird Island.</i>				470 94
Theakston & Angwin	Rope	17	70		
Angus Ross	12 months salary as Light-keeper	\$395	00		
Receiver-General	do superannuation tax	5	00		
			400	00	
	<i>Black Rock.</i>				417 70
James Robinson	Repairing foundation	30	00		
do	12 months salary as Light-keeper	\$355	52		
Receiver-General	do superannuation tax	4	48		
			360	00	
					390 00
	Carried forward				66,959 02

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			66,959	02
	LIGHTHOUSES—Continued.				
	<i>Black Rock Point.</i>				
Donald Morrison	Repairs		12	50	
do	12 months salary as Light-keeper.....	\$345	64		
Receiver-General	do superannuation tax.....	4	36		
			350	00	
	<i>Boar's Head.</i>				362 50
Henry M. Ruggles	Repairing building and road		99	74	
do	12 months salary as Light-keeper.....	\$395	00		
Receiver-General	do superannuation tax.....	5	00		
			400	00	
	<i>Brier Island.</i>				499 74
R. A. Abbott	Blocks		5	75	
Joseph Suthern	Board of carpenters.....		100	00	
do	6 months salary as Light-keeper.....	\$227	14		
Receiver-General	do superannuation tax.....	2	86		
			230	00	
Frank Suthern.....	do salary as Light-keeper.....		230	00	
					565 75
	<i>Burnt Coat.</i>				
Wm. Faulkner.....	6 months salary as Light-keeper, to 31st Dec., 1883.	\$123	44		
Receiver-General	do superannuation tax.....	1	56		
			125	00	
Fred. H. Faulkner.....	3 do salary as Light-keeper, to 31st March, 1884		62	50	
Prescott Masher	do do to 30th June, 1884.		62	50	
					250 00
	<i>Bon Portage.</i>				
Macdonald & Co	Repairing machinery, etc		197	30	
William Wrayton	12 months salary as Light-keeper.....	\$345	64		
Receiver-General	do superannuation tax.....	4	36		
			350	00	
	<i>Betty's Island.</i>				547 30
Jacob Bowser	Repairs		232	30	
Theakston & Angwin ..	Hardware, nails, zinc and lead		21	13	
John Hogan & Sons.....	Brick, cement and shingles		111	53	
Macdonald & Co.....	Repairing lamps		7	60	
P. Christian, jun.	Conveying supplies.....		11	00	
do	12 months salary as Light-keeper.....	\$493	76		
Receiver-General	do superannuation tax.....	6	24		
			500	00	
	<i>Brooklyn Pier.</i>				883 56
Joseph Gardner.....	12 months salary as Light-keeper				183 00
	<i>Barrington Light Vessel.</i>				
C. E. Creighton & Co....	247 gallons oil, at 25 cents; truckage, 40 cents.....		62	28	
Theakston & Angwin....	Rope, oil and axe.....		13	38	
Alfred Graves	Harness and casks.....		11	50	
J. R. Kenny	Painting		15	00	
do	12 months salary as Light-keeper.....	\$496	24		
Receiver-General	do superannuation tax.....	3	76		
			500	00	
					602 16
	Carried forward				70,853 03

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			70,853	03
	LIGHTHOUSES—Continued.				
	<i>Canso Harbour.</i>				
Lawrence Power.....	12 months salary as Light-keeper.....	197	52		
Receiver-General.....	do superannuation tax.....	2	48		
				200	00
	<i>Cape Canso.</i>				
Intercolonial Railway....	Freight on lantern.....	75	00		
R. H. Cogswell	Clock and spy glass.....	14	50		
David Myers.....	Freight on lantern.....	40	00		
J. E. M. Taylor.....	Cutting glass ..	1	50		
J. Hogan & Sons.....	Cement.....	8	25		
Theakston & Angwin....	Zinc and tacks.....	3	58		
O. E. Creighton & Co....	515 gallons oil, at 25 cents; truckage, 80 cents.....	129	55		
John White.....	Stoves and pipes.....	42	50		
James Lepper.....	Blocks and rope.....	19	27		
do	Removing temporary lighthouse.....	40	95		
do	Freight elevator.....	15	00		
do	12 months salary as Light-keeper.....	900	00		
				1,290	10
	<i>Cape North.</i>				
John McKinnon.....	Labour and painting.....	14	00		
do	Replacing oil stove ..	7	00		
do	12 months salary as Light-keeper.....	\$395	00		
Receiver-General	do superannuation tax.....	5	00		
				400	00
				421	00
	<i>Cape George.</i>				
Macdonald & Co.....	New lamps and repairing lamps.....	22	75		
John Murray.....	Foundation wall and road.....	220	00		
do	12 months salary as Light-keeper.....	200	00		
				442	75
	<i>Church Point.</i>				
J. H. Saulnier	Repairs and painting.....	20	50		
do	12 months salary as Light-keeper	\$197	52		
Receiver-General.....	do superannuation tax.....	2	48		
				200	00
				220	50
	<i>Cape Sable.</i>				
Macdonald & Co.....	Repairing lightgear.....	61	60		
J. Atkinson.....	Shingling lifeboat house	7	06		
I. K. Doane	Carting supplies.....	3	00		
do	12 months salary as Light-keeper.....	\$194	00		
Receiver-General.....	do superannuation tax.....	6	00		
				800	00
				871	66
	<i>Cape St. George.</i>				
W. J. Condon	Repairs.....	59	25		
do	12 months salary as Light-keeper.....	450	00		
				509	25
	<i>Cape St. Mary.</i>				
M. Robichau.....	12 months salary as Light-keeper.....	493	76		
Receiver-General	do superannuation tax.....	6	24		
				500	00
	Carried forward			75,308	29

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			75,308	29
	LIGHTHOUSES—Continued.				
	<i>Carter's Island.</i>				
John White ..	Stove and pipes.....	14	00		
Bert Locke.....	Erecting and painting oil store.....	55	00		
do ..	Boat.....	16	00		
do ..	6 months salary as Light-keeper.....	118	21		
M. Collupy ..	6 do do ..	131	79	335	00
	<i>Carribou Island.</i>				
Robert Bowser.....	Inspecting breakwater.....	23	49		
Derrick McKenzie.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General ..	do superannuation tax.....	3	72	300	00
				323	49
	<i>Chester.</i>				
Edward Young ..	Hauling oil.....	2	00		
do ..	6 months salary as Light-keeper to 31st December, 1883.....	\$197	50		
Receiver-General.....	do superannuation tax.....	2	50	200	00
Ordin Young.....	3 months salary as Light-keeper to 30th March, 1884.....	85	76		
John Young.....	do do to 3th June, 1884.....	114	24	402	00
	<i>Cheticamp.</i>				
Robin & Co.....	Supplies and repairs.....	35	83		
do ..	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72	300	00
				335	83
	<i>Creighton's Head.</i>				
Peakston & Angwin....	Nails, spikes and shingles.....	10	20		
John McAsgill.....	Repairs.....	22	90		
H. Crichton.....	Stove and pipes.....	8	25		
do ..	Repairing protection work.....	32	00		
do ..	12 months salary as Light-keeper.....	\$197	52		
do ..	do superannuation tax.....	2	48	200	00
				273	35
	<i>Chebucto Head.</i>				
Peakston & Angwin ...	Spikes, nails and clock.....	44	80		
W. Crawford.....	Freight on building materials.....	10	00		
Wm. Robinson ..	Teaming shingles.....	4	00		
Robert Bowser.....	Repairs.....	233	60		
Macdonald & Co.	Repairing lamps and clock gear.....	53	35		
John White.....	Stovepipe and zinc.....	5	05		
Hogan & Sons.....	Shingles.....	5	00		
Edward Johnson.....	Building road.....	112	50		
do ..	Labour on oil and board of mechanics.....	90	00		
do ..	12 months salary as Light-keeper.....	\$493	12		
Receiver-General.....	do superannuation tax.....	6	88	500	00
				1,057	30
	Carried forward.....			78,034	26

STATEMENT of Expenditure in connection with the Maintenance of Lighthouse houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			78,034	2
LIGHTHOUSES—Continued.					
<i>Country Harbour.</i>					
Thekaston & Angwin.....	Iron, zinc, nails and spikes.....	31	62		
James Henderson.....	Repairs.....	19	45		
Jas. G. Pride.....	Freight on building materials.....	52	25		
J. Hogan & Sons.....	Building materials.....	263	84		
S. H. Griffin.....	Boat, stone, and regulating lamps.....	35	25		
do.....	Labour on road and boarding mechanics.....	55	13		
J. A. Foster.....	3 months salary as Light-keeper, to 30th September, 1883.....	\$98	75		
Receiver-General.....	do superannuation tax.....	1	25		
		100	00		
S. H. Griffin.....	9 months salary as Light-keeper, to 30th Dec., 1884.....	300	00	857	5
<i>Cross Island.</i>					
Ruben Heisler.....	Repairing road and teaming.....				
do.....	Boarding mechanics.....	104	00		
Henry Watt.....	Repairing lantern.....	9	00		
J. Hogan & Sons.....	Lumber.....	72	17		
Geo. E. Smith & Co.....	Chain.....	2	32		
G. E. Smith.....	12 months salary as Light-keeper.....	\$794	28		
Receiver-General.....	do superannuation tax.....	5	72		
		800	00	988	6
<i>Cape LeRonde.</i>					
W. Stairs, Son & Morrow.....	Repairs.....	9	47		
C. Latimer.....	Repairs and hauling supplies.....	122	65		
do.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
		300	00	432	1
<i>Cow Bay Beacon.</i>					
Arch. McKinnon.....	Glazing lantern.....	2	00		
do.....	12 months salary as Light-keeper.....	133	92	135	9
<i>Crow Harbour.</i>					
John Ehler, 3rd.....	12 months salary as Light-keeper.....			300	00
<i>Croucher's Island.</i>					
J. H. Hyson.....	Boat.....	25	00		
Theakston & Angwin.....	Rope.....	7	20		
George Croucher.....	12 months salary as Light-keeper.....	250	00	282	20
<i>Devil's Island.</i>					
Theakston & Angwin.....	Nails, rope, &c.....	33	21		
do.....	Outfit for life-boat.....	53	56		
Richard Abbott.....	Blocks.....	3	25		
Michael Walsh.....	Repairs.....	197	75		
J. Hogan & Sons.....	Lumber and shingles.....	55	61		
Macdonald & Co.....	Repairing burners.....	1	50		
John Smith.....	5 cords of wood, at \$1.75.....	23	75		
Ben. Fulker.....	Boarding carpenters.....	59	42		
		428	05		
	Carried forward.....			81,031	73

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward.....	428 05	81,031 73
	LIGHTHOUSES—<i>Continued.</i>		
Enj. Fulker	Labour in supplies	7 00	
do	12 months salary as Light-keeper	\$493 76	
Receiver-General	do superannuation tax.....	6 24	
		500 00	935 05
	<i>De Bert (Pole Light).</i>		
Robert Weir.....	12 months salary as Light-keeper		25 00
	<i>Egg Island.</i>		
Dempster & Co.....	Lumber	37 65	
Neal	Boat hire, landing lumber.....	6 00	
E. Smith & Co.....	Nails and spouting	27 34	
Waddell	Freight, lumber.....	80 00	
Michael Walsh.....	Repairs	209 50	
Heakston & Angwin ..	Nails and spikes	2 85	
Hogan & Sons.....	Lumber	2 65	
Macdonald & Co.....	Repairing machinery, lamps, etc.	161 07	
John Taylor, jun.	Wheelbarrow.....	4 50	
John White	Stove and fittings, and pipe.....	21 25	
Wm. Condon, jun.	Board of mechanics	80 29	
do	12 months salary as Light-keeper.....	\$493 76	
Receiver-General	do superannuation tax.....	6 24	
		500 00	1,133 10
	<i>Fish Island.</i>		
Joseph White	12 months salary as Light-Keeper	276 52	
Receiver-General	do superannuation tax.....	3 48	
			280 00
	<i>Flint Island.</i>		
Price & Spencer	Bricks	15 80	
Heakston & Angwin ..	Nails	1 20	
Archibald & Co.....	Coals, rope and blocks	66 09	
Hogan & Sons	Shingles	16 50	
McIntyre	Cistern, and repairing chimney	33 25	
W. W. Bown.....	Sand, labour in tank	39 50	
H. Cogswell	Time piece	4 50	
Wm. Helen	Boat, clock oil	11 08	
do	12 months salary as Light-keeper.....	400 00	
			587 92
	<i>Fort Point.</i>		
T. N. Sellon	Repairs and painting	11 50	
do	12 months salary as Light-keeper.....	\$237 00	
Receiver-General	do superannuation tax.....	3 00	
		240 00	251 50
	<i>Grand Narrows.</i>		
Heakston & Angwin ..	Nails, spikes, etc.....	10 20	
Stephen McNeil	Repairs and whitewashing	17 91	
do	12 months salary as Light-keeper	\$118 52	
Receiver-General	do superannuation tax	1 48	
		120 00	148 11
	Carried forward.....		84,392 41

STATEMENT of Expenditure in connection with the Maintenance of Lighthouse houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts	\$	cts
	Brought forward.....			84,392	4
	LIGHTHOUSES— <i>Continued.</i>				
	<i>Green Island.</i>				
Macdonald & Co.....	Fountains and burners		16	40	
John McAsgill.....	Repairs		28	50	
Wm. Duann	12 months salary as Light-keeper.....	\$493	76		
Receiver-General	do superannuation tax.....	6	24		
			500	00	
	<i>Gull Rock.</i>				544 9
Geo. E. Smith & Co.....	Hammer		3	00	
Macdonald & Co.....	Hinges		3	75	
L. D. Orchard	Painting, carpenter's tools, etc.		26	30	
do	12 months salary as Light-keeper.....	\$395	00		
Receiver-General	do superannuation tax.....	5	00		
			400	00	
	<i>Guy'sboro'.</i>				433 0
Godfrey S. Peart.....	9 months salary as Light-keeper to 31st March, 1884	\$162	96		
Receiver-General	do superannuation tax	2	04		
			165	00	
Archd. M. Peart	2 months and 10 days salary as Light-keeper, to 10th June, 1884		42	77	
Moses C. Scott.....	20 days salary as Light-keeper, to 30th June, 1884..		12	23	
					220 0
	<i>George's Island.</i>				
Michael Walsh.....	Addition to dwelling		310	92	
J. Dempster & Co.....	Building materials.....		118	41	
John Cawsey	Mason work.....		136	00	
John White	Cowl oil, stove and pipe.....		46	55	
Robert Ross	12 months salary as Light-keeper.....		150	00	
					761 6
	<i>Guyon Island.</i>				
Archibald & Co.....	10 tons coal, at \$5.....		50	00	
Macdonald & Co.....	Repairing lamps and burners.....		49	20	
R. B. Winton.....	12 months salary as Light-keeper.....	\$444	40		
Receiver-General	do superannuation tax.....	5	60		
			450	00	
	<i>Horton Bluff.</i>				549 2
E. Chanteloup.....	Lantern		378	04	
L. C. Barney	Plate glass.....		40	37	
S. C. Crowe	Amount of contract on building.....	1,400	00		
do	Repairs to outbuildings		5	00	
John White.....	Stove, fittings, pipe, etc.....		35	55	
Macdonald & Co	Iron table		16	82	
R. H. Cogswell	Timepiece		4	50	
S. M. Rathbun.....	Ladders, etc		4	00	
do	Freight of lantern and glass.....		27	73	
do	Repairs, hauling supplies.....		23	48	
do	12 months salary as Light-keeper	\$246	88		
Receiver-General	do superannuation tax.....	3	12		
			250	00	
	Carried forward.....				2,185 4
					89,086 7

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			89,086	73
	LIGHTHOUSES—Continued.				
	<i>Harbour au Bouche.</i>				
W. J. Webb	12 months salary as Light-keeper	197	52		
Receiver-General	do superannuation tax	2	48	200	00
	<i>Isle en Haut.</i>				
Macdonald & Co.....	Repairing lamps, etc.	13	55		
Nelson Card.....	Building fence	10	00		
do	Building oil store, hauling stores.....	130	00		
do	Repairing road.....	30	00		
do	12 months salary as Light-keeper	\$495	00		
Receiver-General.....	do superannuation tax.....	5	00	500	00
	<i>Ingenish.</i>				
John McNab.....	Clock, hauling stores.....	11	65		
Theakston & Angwin ...	Nails, paper, glass	12	69		
J. Hogan & Sons.....	Lumber and shingles.....	50	99		
Thomas Brewer.....	Repairs	103	00		
William Ross.....	Freight of lumber	10	00		
L. McDougall.....	Expenses on lumber	13	00		
do	12 months salary as Light-keeper	\$414	76		
Receiver-General.....	do superannuation tax	5	24	420	00
	<i>Ironbound Island.</i>				
Macdonald & Co.....	Repairing burners	1	60		
G. E. DeWitt.....	Registry fees, deed of land.....	2	00		
Smith & Kaye.....	Chimney tops	13	25		
Enos Wolf.....	Teaming supplies.....	5	00		
do	12 months salary as Light-keeper	\$355	52		
Receiver-General.....	do superannuation tax.....	4	48	360	00
	<i>Isaac's Harbour.</i>				
John White.....	Stove and pipe	7	50		
C. W. Bigsby	Balance on addition to dwelling	200	00		
do	Hauling supplies.....	4	00		
do	12 months salary as Light-keeper	\$197	52		
Receiver-General.....	do superannuation tax.....	2	48	200	00
	<i>Jerseyman's Island.</i>				
J. E. M. Taylor.....	Ruby glass and cutting	5	60		
W. Stairs, Son & Morrow	Repairs.....	13	49		
Geo. Vigneau	Building shed, painting store.....	42	00		
do	12 months salary as Light-keeper.....	300	00		
	<i>Jeddore Rock.</i>				
Theakston & Angwin ...	Hardware, rope.....	16	25		
J. Hogan & Sons.....	Lumber	2	74		
B. Fulker.....	Salvage repairing boat	13	55		
Richard Abbott.....	Blocks	4	25		
John Mitchell.....	Building boat slip	93	37		
do	12 months salary as Light-keeper	400	00	530	16
	Carried forward....			92,276	21

STATEMENT of Expenditure in connection with the Maintenance of Lighthouses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward.....		92,276 21
LIGHTHOUSES—Continued.			
<i>Jérôme Point.</i>			
John White.....	Stove and pipe.....	14 00	
J. D. Matheson.....	Salvage, repairing boat.....	9 89	
do	12 months salary as Light-keeper.....	200 00	223 89
<i>Kingsport.</i>			
W. F. Phipps.....	Painting, freight, supplies.....	20 20	
do	Salary.....	80 00	100 20
<i>Kidston's Island.</i>			
Theakston & Angwin.....	Nails, spikes, hinges.....	10 20	
D. McRae	12 months salary as Light-keeper.....	\$197 52	
Receiver-General.....	do superannuation tax.....	2 48	
		200 00	210 20
<i>King's Head.</i>			
James W. Hogg.....	Conveyance, supplies.....	8 00	
Colin McDonald.....	12 months salary as Light-keeper.....	200 00	208 00
<i>Little Hope.</i>			
John P. Matt	Repairing landing.....	25 25	
Theakston & Angwin....	Hinges, bolts, screws.....	2 53	
Macdonald & Co.....	Repairing lamps.....	6 70	
Wm. Phalen	Examining breakwater.....	15 00	
Alex. McDonald.....	Repairing landing and boat.....	40 50	
do	12 months salary as Light-keeper.....	\$493 76	
Receiver-General.....	do superannuation tax.....	6 24	
		500 00	589 98
<i>Lingan Head.</i>			
Geo Nunn	Conveyance supplies, 1882-83.....	12 00	
Charles Sullivan.....	Store.....	11 00	
James Quinn.....	Stovepipe, painting.....	3 52	
do	12 months salary as Light-keeper.....	\$197 52	
Receiver-General.....	do superannuation tax.....	2 48	
		200 00	226 50
<i>Liscomb.</i>			
Theakston & Angwin....	Nails, screws, lead.....	23 26	
J. Hogan & Sons.....	Lime and brick.....	10 25	
James Hemlow.....	Freight, lumber, &c	17 46	
James Henderson.....	Addition to Lighthouse.....	304 61	
Macdonald & Co.....	Repairing burners.....	6 80	
Seth Crooks	Board, carpenters.....	81 25	
do	12 months salary as Light-keeper.....	\$345 64	
Receiver-General.....	do superannuation tax.....	4 36	
		350 00	793 63
Carried forward.....			94,628 61

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

	Brought forward.....		94,628 61
	LIGHTHOUSES— <i>Continued.</i>		
	<i>Liverpool.</i>		
G. E. Smith & Co.....	Rope, clock-cord	9 01	
Macdonald & Co.....	Repairing circular burner.....	1 50	
C. W. Firth.....	do road	99 20	
do	Repairs, painting	53 40	
do	12 months salary as Light-keeper.....	\$345 64	
Receiver-General.....	do superannuation tax	4 36	
		350 00	
	<i>Louisburg.</i>		513 11
P. O. Toole.....	Repairs	26 14	
J. Hogan & Sons.....	Cement	4 15	
L. Kavanagh.....	Labor on supplies.....	3 00	
do	12 months salary as Light-keeper.....	\$455 71	
Receiver-General.....	do superannuation tax	4 29	
		460 00	
	<i>Low Point.</i>		493 29
John G. Peters.....	Hauling supplies	2 00	
do	12 months salary as Light-keeper.....	\$454 28	
Receiver-General.....	do superannuation tax	5 72	
		460 00	
	<i>Lunenburg.</i>		462 00
Joseph Moreash.....	Repairing building	167 84	
John A. Ernst.....	12 months salary as Light-keeper.....	\$296 28	
Receiver-General.....	do superannuation tax	3 72	
		300 00	
	<i>La Have.</i>		467 84
W. H. Palmer.....	Painting lantern	6 00	
do	12 months salary as Light-keeper.....	\$197 52	
Receiver-General.....	do superannuation tax	2 48	
		200 00	
	<i>Little Narrows.</i>		206 00
John Ferguson.....	Freight and labour on supplies	4 00	
do	12 months salary as Light-keeper	\$118 52	
Receiver-General.....	do superannuation tax	1 48	
		120 00	
	<i>Main-à-Dieu.</i>		124 00
J. Hogan & Sons.....	Lumber	4 80	
James Burke.....	Hauling stores.....	6 00	
do	12 months salary as Light-keeper.....	\$296 28	
Receiver-General.....	do superannuation	3 72	
		300 00	
	<i>Margaretville.</i>		310 80
John White.....	Stove and pipe	10 60	
Macdonald & Co.....	Ventilator cowl	26 03	
Wm. Early.....	Services as watchman	12 00	
do	Repairs and painting	12 25	
do	12 months salary as Light-keeper.....	\$227 12	
Receiver-General.....	do superannuation tax	2 88	
		230 00	
			290 88
	Carried forward.....		97,496 53

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			97,496	73
LIGHTHOUSES—Continued.					
<i>Margaret's Bay.</i>					
Macdonald & Co.....	Repairing lamps.....		14 20		
Albert Pearl.....	Skids, hauling supplies		9 06		
do	12 months salary as Light-keeper.....	\$493	76		
Receiver-General.....	do superannuation tax.....	6	24	500	00
					523 26
<i>Margaree.</i>					
Richard Abbott.....	Blocks		4 50		
McDonald & Westaway...	Freight on lantern.....		70 00		
J. Bowser.....	Erecting new lantern.....		665 70		
Geo. Hogan & Sons.....	Lumber, shingles, etc		203 34		
Geo. E. Smith & Co.	Nails, spikes, canvas, lead, paints and oil.		164 73		
Mackintosh & McInnes...	Timber.....		53 55		
R. A. Guildford.....	Conveyance of carpenters		10 95		
Farquhar & McRae.....	Labour and board of carpenters.....		231 21		
do	12 months salary as Light-keeper.....	\$395	00		
Receiver-General	do superannuation tax.....	5	00	400	00
					1,803 98
<i>Mahone Bay.</i>					
Abram Zinck.....	Repairs and painting.....		27 00		
do	Repairing boat and boat house.		9 00		
do	12 months salary as Light-keeper.....	\$296	28		
Receive-General	do superannuation tax.....	3	72	300	00
					336 00
<i>McKenzie's Point.</i>					
D. J. McKay.....	Trucking supplies.....		2 00		
do	12 months salary as keeper.....	\$158	00		
Receiver-General	do superannuation tax.....	2	00	160	00
					162 00
<i>Meagher's Beach.</i>					
John White.....	Stove and pipe		5 00		
Theakston & Angwin ...	Bolts and spikes		13 18		
Macdonald & Co.....	Repairing fog-bell machinery.		54 10		
do	Bolts for repairing breakwater.....		51 60		
J. Hogan & Sons.....	Timber.....		7 69		
John Smith.....	20 cords of wood, at \$4.75		95 00		
Edw. Horn	Board of mechanics.....		2 00		
do	Repairing dwelling		14 60		
do	do breakwater.....		227 00		
do	Ballasting do		5 50		
do	12 months salary as Light-keeper	\$495	00		
Receiver-General.....	do superannuation	5	00	500	00
					975 67
<i>Moser's Island.</i>					
Henry Moser.....	12 months salary as Light-keeper.....	\$444	40		
Receiver-General.....	do superannuation tax	5	60		
					450 00
<i>Mullin's Point.</i>					
Z. Mullins	Truckage of supplies		2 00		
do	12 months salary as Light-keeper.....	\$205	75		
Receiver-General.....	do superannuation.....	2	58	208	33
					210 33
	Carried forward				101,957 77

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			101,957	77
	LIGHTHOUSES—Continued.				
	<i>Meteghan.</i>				
James Cossman.....	Inspecting removal.....	3	00		
L. C. Comeau.....	Ventilator.....	2	50		
do	Removing Lighthouse.....	40	00		
do	12 months salary as Light-keeper.....	100	00	145	50
	<i>Margaree Harbour.</i>				
John McFarlane.....	Salary.....			60	00
	<i>Negro Island.</i>				
James McKinnon.....	Building landing slip	104	81		
do	12 months salary as Light-keeper.....	\$197	52		
Receiver-General	do superannuation tax	2	48	200	00
Macdonald & Co.....	Repairing lamps and machinery.....	29	80	334	61
	<i>North Canso.</i>				
John Murphy.....	Repairs and painting.....	40	11		
Robie McKay.....	12 months salary as Light-keeper.....	\$345	00		
Receiver-General.....	do superannuation tax	5	00	350	00
	<i>Ouetique Island.</i>				
Macdonald & Co.....	Repairing lamps and reflectors.....	6	85		
Cyril Sampson.....	Ladder, paint, etc.....	4	26		
do	12 months salary as Light-keeper.....	\$345	64		
Receiver-General	do superannuation tax	4	36	350	00
	<i>Pease's Island.</i>				
J. E. M. Taylor.....	Ruby glass	16	00		
Thos. Baker.....	Painting	12	00		
do	12 months salary as Light-keeper.....	\$320	95		
Receiver-General	do superannuation tax.....	4	05	325	00
	<i>Parrsboro'.</i>				
W. J. Gibson.....	Tinsmiths' work.....	17	35		
J. H. Newcomb.....	Repairs.....	81	09		
do	12 months salary as Light-keeper.....	\$335	76		
Receiver-General..	do superannuation tax.....	4	24	340	00
	<i>Peggy's Point.</i>				
George Swinehammer...	12 months salary as Light-keeper			350	00
	<i>Pictou.</i>				
Wallace Graham.....	Professional services.....	11	00		
Wm. Ross.....	Boat, sails and repairs	62	35		
do	12 months salary as Light-keeper.....	400	00	473	35
	Carried forward			104,863	89

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			104,863	89
	LIGHTHOUSES—<i>Continued.</i>				
	<i>Pictou Island.</i>				
James W. Hogg.....	Repairs.....		2 00		
do	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00	400	00
				402	09
	<i>Pictou Custom House.</i>				
Watson & Myers.....	Chimneys.....		4 50		
Pictou Gas Works.....	Gas, 1 year.....		150 00		
Geo. McLeod.....	12 months salary as Light-keeper.....		75 00	229	50
	<i>Pomket Island.</i>				
C. A. Chisholm.....	12 months salary as Light-keeper.....		345 64		
Receiver-General.....	do superannuation tax.....		4 36	350	00
	<i>Point Tupper.</i>				
James McDonald	12 months salary as Light-keeper.....		246 88		
Receiver-General.....	do superannuation tax.....		3 12	250	00
	<i>Port Hood.</i>				
J. A. McDonald	Erecting oil store.....		36 30		
do	12 months salary as Light-keeper.....	\$276	52		
Receiver-General.....	do superannuation tax.....	3	48	280	00
				316	30
	<i>Port L'Ebert.</i>				
Herny Watt.....	Addition to dwelling.....		215 33		
J. Dempster & Co.....	Building material.....		112 18		
Anderson & Bell.....	Lime and cement.....		16 23		
John Farquhar.....	Mason work.....		51 67		
J. Sabeau.....	Freight, lumber, etc.....		15 05		
G. C. Smith.....	Nails, glass, powder and lead.....		35 24		
J. Hogan & Sons.....	Lime, cement and brick.....		49 65		
Mackintosh & McInnis...	Shingles.....		78 00		
Watson Burgess	Mason work.....		19 50		
J. H. McDonald	Labour, board of mechanics.....		36 12		
do	12 months salary as Light-keeper.....	\$148	12		
Receiver-General.....	do superannuation tax.....	1	88	150	00
				778	97
	<i>Port Medway.</i>				
Elson Perry	12 months salary as Light-keeper.....		256 76		
Receiver-General.....	do superannuation tax.....		3 24	260	00
	<i>Port Mouton.</i>				
Robert J. Smith	Repairs, building oil store.....		74 66		
do	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72	300	00
				374	66
	Carried forward.....			107,825	32

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			107,825	32
	LIGHTHOUSES— <i>Continued.</i>				
	<i>Port Williams.</i>				
Macdonald & Co.....	Iron cowl.....		8 20		
James M. Dunn.....	Erecting oil store.....		25 50		
do	12 months salary as Light-keeper.....	\$256	76		
Receiver-General	do superannuation tax.....	3	24	260	00
					293 70
	<i>Pubnico.</i>				
Maturin Amero.....	12 months salary as Light-keeper.....		237 00		
Receiver-General	do superannuation tax.....		3 00		
					240 00
	<i>Pugwash.</i>				
Angus Beaton	Repairing water tank.....		8 20		
do	12 months salary as Light-keeper.....	\$296	28		
Receiver-General	do superannuation tax.....	3	72	300	00
					308 20
	<i>Point Aconi.</i>				
George Bonner	Trucking supplies and clearing road.....		10 42		
do	12 months salary as Light-keeper.....	\$148	12		
Receiver-General	do superannuation tax.....	1	83	150	00
					160 42
	<i>Petit de Grat.</i>				
John McAskell.....	Repairs		8 62		
D. C. Bouchie	12 months salary as Light-keeper.....		200 00		
					208 62
	<i>Pope's Harbour.</i>				
James Bollong.....	Repairs and painting.....		22 00		
do	12 months salary as Light-keeper.....	\$296	28		
Receiver-General	do superannuation tax	3	72	300	00
					322 00
	<i>Quaker's Island.</i>				
Charles Neal.....	Travelling expenses		19 50		
Wm. Whalen	12 months salary as Light-keeper.		215 76		
					235 26
	<i>Sambro.</i>				
John Smith.....	30 cords of wood, at \$5.50.....		165 00		
C. E. Creighton	1,018 gallons of oil, at 25c.....		254 50		
do	Truckage do		1 41		
G. E. Smith & Co.....	Nails.....		1 00		
Michael Walsh.....	Repairing dwelling.....		72 00		
Theakston & Angwin	Spikes, paint, etc.....		6 90		
James Fleming	Freight on oil.....		10 00		
R. H. Cogswell.....	Repairing alarm clock		2 50		
R. A. Abbott.....	Blocks and sheaves		4 50		
Alfred Gilkie.....	12 months salary as Light-keeper.....	\$995	00		
Receiver-General	do superannuation tax	5	00	1,000	00
					1,517 81
	Carried forward.....				111,111 33

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			111,111	33
LIGHTHOUSES—Continued.					
<i>Sand Point.</i>					
Joseph Mundell.....	12 months salary as Light-keeper	395	00		
Receiver-General	do superannuation tax	5	00		
				400	00
<i>Scatterie.</i>					
James W. Brown	Boat	20	00		
do	Repairing store and boat house.....	33	85		
do	12 months salary as Light-keeper.....	\$493	76		
Receiver-General	do superannuation tax	6	24		
		500	00		
				553	85
<i>Seal Island.</i>					
Spinney, Eakins & Co..	Lead, nails and tacks.....	15	45		
Kenney-Healey Manuf'g Co	Boards and plank.....	45	67		
Henry Watt.....	Repairs	178	40		
Western Counties R'y....	Conveyance of carpenters.....	26	00		
Angus Crowell	do	15	00		
T. C. Ryer	Board and conveyance of carpenters	17	00		
Merchants Bank	Freight on lumber	12	00		
John Tobin & Co.....	Board of carpenters.....	50	00		
Corning Crowell	12 months salary as Light-keeper.....	\$793	76		
Receiver-General	do superannuation tax	6	24		
		800	00		
				1,159	52
<i>Stoddart's Island.</i>					
A. M. Wrayton	12 months salary as Light-keeper.....	148	12		
Receiver-General	do superannuation tax.....	1	88		
				200	00
<i>Shelburne.</i>					
Francis Demings.....	Labour at landing	10	50		
do	12 months salary as Light-keeper.....	\$395	88		
Receiver-General	do superannuation tax	5	00		
		400	00		
				410	50
<i>Shelburne Harbour.</i>					
Edw. Goodick.....	Boat, hauling stone, and rope.....	22	42		
do	12 months salary as Light-keeper.....	\$246	88		
Receiver-General	do superannuation tax.....	3	12		
		250	00		
				272	42
<i>Spencer's Point.</i>					
D. W. Kent	Freight and cartage of supplies.....	4	42		
R. A. Spencer	12 months salary as Light-keeper.....	125	00		
				129	42
<i>St. Ann's.</i>					
John Flemming.....	Oars	3	60		
do	12 months salary as Light-keeper.....	\$133	24		
Receiver-General	do superannuation tax.....	1	76		
		140	00		
				143	60
	Carried forward			114,330	64

STATEMENT of Expenditure in connection with the Maintenance of Lighthouses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		114,330 64
	LIGHTHOUSES—<i>Continue</i>l.		
	<i>St. Paul's.</i>		
Geo. C. Smith & Co	Rope, nails, iron, etc.....		101 21
	<i>Sheet Harbour.</i>		
Wm. Chisholm	Dea's and flooring	35 41	
J. Hogan & Sons	Bricks	5 00	
G. C. Smith & Co.....	Iron, powder and nails	32 14	
D. H. Potts	Logs for landing	15 00	
Theakston & Angwin.....	Rope.....	5 85	
John White	Stove and pipes.....	6 50	
John Perry	Repairing boat, iron work and labour	13 81	
do	12 months salary as Light-keeper.....	\$495 00	
Receiver-General	do superannuation tax.....	5 00	
		500 00	613 71
	<i>Sydney Bar.</i>		
George Nunn	Repairs	28 47	
do	12 months salary as Light-keeper.....	\$246 88	
Receiver-General	do superannuation tax.....	3 12	
		250 00	278 47
	<i>Sissiloo.</i>		
B. Amero	Repairing lamps.....	4 20	
do	12 months salary as Light-keeper.....	\$197 52	
Receiver-General	do superannuation tax.....	2 48	
		200 00	204 20
	<i>Sable Island.</i>		
Geo. C. Smith & Co	Blind cord	1 40	
C. E. Creighton & Co....	1,026½ gallons oil, at 25c.....	256 63	
do	Truckage	1 00	
Macdonald & Co.....	Bucket, and repairing lamp.....	15 10	
C. E. Creighton & Co....	523 gallons oil, at 25c.....	130 75	
do	Truckage	0 18	
			405 06
	<i>St. Esprit.</i>		
Theakston & Angwin	Nails, spikes and hinges	5 97	
John Hogan & Sons.....	Lumber for boat shed	44 54	
Macdonald & Co.....	Repairing silber burners	4 35	
Angus McLeod.....	Freight on lumber	20 00	
do	12 months salary as Light-keeper.....	\$395 00	
Receiver-General	do superannuation tax.....	5 00	
		400 00	474 86
	<i>Tor Bay.</i>		
Macdonald & Co... ..	Repairing lamps	8 85	
Dennis Gerroir.....	12 months salary as Light-keeper.....	\$246 88	
Receiver-General.....	do superannuation tax.....	3 12	
		250 00	258 85
	Carried forward.....		116,667 00

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			116,667	00
	LIGHTHOUSES— <i>Continued.</i>				
	<i>Three Top Island.</i>				
Thos. H. Hadley.....	Repairs.....	454	19		
W. L. Munroe.....	Board of carpenters.....	59	50		
do.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
			300	00	
	<i>Wolton Harbour.</i>				813 69
A. McN. Parker.....	Painting and teaming supplies.....	7	75		
do.....	12 months salary as Light-keeper.....	125	00		
				132	75
	<i>Westport.</i>				
R. D. Suthern.....	Repairs.....	28	50		
do.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
			300	00	
	<i>Whitehead.</i>				338 50
Theakston & Angwin....	Nails.....	2	20		
John Hogan & Sons.....	Lumber and shingles.....	21	99		
Thos. H. Hadley.....	Repairs.....	42	50		
Macdonald & Co.....	Repairing machinery, lamps and fountains.....	75	25		
James P. Dillon.....	Board of carpenters and repairing landing.....	76	06		
do.....	Labour on oil, etc.....	3	70		
do.....	12 months salary as Light-keeper.....	\$503	64		
Receiver-General.....	do superannuation tax.....	6	36		
			510	00	
	<i>Wedge Island.</i>				731 70
Theakston & Angwin....	Zinc, nails, etc.....	7	50		
J. E. M. Taylor.....	Ruby glass.....	10	40		
John Hogan & Sons.....	Lumber.....	3	82		
Macdonald & Co.....	Repairing burners.....	2	50		
Edward Burns.....	Repairs.....	15	89		
do.....	Boat.....	25	00		
do.....	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
			400	00	
	<i>Westhaven Island.</i>				465 11
Edward Strum.....	Brushes, stair rail and lamp stand.....	12	00		
do.....	12 months salary as Light-keeper.....	300	00		
				312	00
	<i>Yarmouth.</i>				
Parker, Eakins & Co....	Duck, shingles, paint and oil.....	8	23		
C. D. Allen.....	Iron pipe and chimney top.....	16	75		
W. H. Kenney.....	Repairs.....	93	60		
John Porter.....	Hauling stores.....	2	50		
G. J. Morton.....	Stove pipes and chimneys.....	4	49		
J. H. Doane.....	12 months salary as Light-keeper.....	\$784	00		
Receiver-General.....	do superannuation tax.....	16	00		
			800	00	
	<i>Carried forward.....</i>				925 57
				120,386	32

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			120,386	32
	LIGHTHOUSES— <i>Concluded.</i>				
	<i>Yarmouth Harbour.</i>				
W. H. Keuney	Repairs.....		48 18		
Currell, Johnson & Co.	Stove		17 60		
Joshua Doane.....	Barrels, kegs and painting		11 50		
do	12 months salary as Light-keeper.....	\$345	64		
Receiver-General.....	do superannuation tax.....		4 36		
			350 00		427 28
				120,813	60
	HUMANE ESTABLISHMENTS.				
	<i>Mud Island.</i>				
R. Kenny	Government allowance to 30th June, 1883.....			80	00
	<i>Seal Island.</i>				
Wm. Robertson.	Government allowance to 30th June, 1883.....			120	00
	<i>St. Paul's.</i>				
Heakston & Angwin.....	Shovels, nails, iron, rope, etc.....		131 28		
Ordly & Stimpson.....	Provisions.....		81 36		
Archibald & Co.	Hay, oats, plank, saddlery, etc.....		151 52		
do	Conveyance of despatches		25 00		
John White.....	Stoves, grates and castings.....		51 00		
Hogan & Sons.....	Lumber, shingles and sand.....		77 58		
John Taylor.....	Box cart.....		45 00		
C. Campbell	12 months salary as Light-keeper.....	\$588	00		
Receiver-General.....	do superannuation tax.....		12 00		
			600 00		
C. Campbell.	Paid salaries of boatmen		1,250 00		2,412 74
	<i>Sable Island.</i>				
A. & W. Mackenlay.....	School books.....		9 23		
M. Browne.....	Conveyance of men.....		2 10		
Burns & Murray....	Empty bags.....		11 00		
J. & M. Smith.....	Barrels.....		25 00		
Heakston & Angwin.....	Nails, shovels, rope, cork jackets, saddle, bridle and brushes.....		79 62		
Ordly & Stimpson.....	Provisions.....		1,169 61		
A. Nesbet.....	Medicines		17 20		
Hogan & Sons.....	Lumber and shingles		33 00		
W. E. Hyde.....	Oats		68 00		
John White.....	Stoves and tinware.....		44 10		
J. E. Smith & Co.....	Rope, lantern, oil, etc		49 79		
Murray, jun.	Travelling expenses.....		16 50		
Island Staff.....	Paid wages of staff.....		3,408 72		
Receiver-General	Superannuation tax on Superintendent's salary		5 51		
				4,939	38
				128,365	72

STATEMENT of Expenditure in connection with the Maintenance of Light houses, Fog-Whistles, etc., Nova Scotia, etc.—*Continued.*

		\$	cts	\$	cts
BUOYS AND BEACONS.					
<i>Arichat.</i>					
Henry Donovan.....	Amount of contract—1 year			270	00
<i>Bras d'Or.</i>					
Rory McNeil.....	New buoy	1	00		
do	Boat hire and labour laying Big Beach buoy and moorings	8	00		
do	Boat hire and labour lifting Big Beach buoy and moorings	8	00		
do	Spar brig, boat hire, and labour laying Kelly's shoal buoy and moorings	8	00		
F. Dunlop.....	Hire of schooner and laying Little Island buoy and moorings	12	00		
do	Iron work, \$10.90; buoy, \$8 75	19	65		
do	Mooring stone, \$6; paint and oil, \$6.30	12	30		
do	Hire of schooner and landing buoys and moorings from Little Island, Lime Rock and Carey's shoals	44	00		
do	Placing buoys and moorings on Little Island, Lime Rock and Carey's shoals	56	00		
do	Painting, \$2; paint and oil, \$6.10	8	10		
do	Iron work, \$4; stone, \$16	10	00		
Arch. Smith.....	Laying and taking up Smith's shoal buoy and moorings	11	00		
<i>Barrington.</i>					
Andrew Malone.....	Spar for buoys	6	50		
do	Iron work, \$1.56; stones, sinking, etc., \$17	19	56		
do	Paint and oil, \$6.97; towing buoys, \$2	8	97		
Andrew Malone.....	Stone, and boat hire	10	00		
do	Horse hire, 80c.; labour, \$30	36	80		
do	Boat hire	2	00		
Thomas Robertson.....	Salvage on Cross Ledge buoy	10	00		
J. E. Irish.....	Labour lifting buoys and moorings	71	00		
do	Mooring stone, \$4; paint and oil, \$1.75	5	75		
do	Salvage on buoy, \$2; hire of schooner, \$12	14	00		
do	Freight on chain, 75c.; iron work, \$11.21	11	96		
Reuben Smith.....	Freight on 8 buoys	8	00		
E. Newell	Labour cleaning, painting and laying buoys	59	50		
do	Iron work, \$2.70; hire of schooner and boat, \$16.25	18	95		
do	Freight on paint, 25c.; salvage on buoy, \$2	2	25		
William Robertson.....	Spar buoys and moorings	15	00		
do	Making and painting buoys	6	50		
do	Iron work, \$12; scow hire and labour, \$8.50	20	50		
do	Cleaning and painting buoys	6	00		
<i>Bear River.</i>					
J. E. Wear	Amount of contract, 1882	55	00		
William Hennigar.....	Placing and mooring buoy at Victoria Bridge	60	96		
<i>Canso.</i>					
Raymond Keating	Buoysing St. Andrew's Channel	20	00		
do	Amount of contract for one year	160	00		
do	Erecting Net Rock beacon	17	00		
<i>Carried forward.....</i>					
				1,114	25

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in Nova Scotia, etc.—Continued.

		\$ cts.	\$ cts.
	Brought forward.....	.....	1,114 25
	BUOYS AND BEACONS—Continued.		
	<i>Cheticamp.</i>		
Mr. AuCoin.....	Amount of contract for 1883.....	.....	38 00
	<i>Chester.</i>		
Mr. Moser.....	Making and placing beacon on Martin's Point and buoys on Bella and Young's Shoal .....	.....	105 00
	<i>Digby.</i>		
A. Hughes	Picking up buoy.....	3 00	
do	Iron work, \$9.70; labour, \$42.....	51 70	
do	Cutting and drilling stone	5 25	
do	Mooring stone, and cartage	4 00	
do	Hire of vessel laying, lifting and landing buoys and moorings.....	70 00	
do	Hire of blocks.....	2 00	
do	Labour painting and laying buoys.....	29 25	
do	Paint, \$2.19; wharfage, \$2	4 19	
do	Fitting spar buoys	7 00	
			176 39
	<i>Guysborough.</i>		
S. Peart.....	Painting, laying and lifting buoys, 1883 .....	.....	20 00
	<i>Halifax.</i>		
Waddell	Services of steam lighter, raising and placing buoys	205 00	
Mr. White.....	Reward for saving Portuguese Shoal buoy.....	10 00	
William Quinn.....	Reporting Rock Head buoy being adrift	1 00	
Mr. Fleming.....	Uprighting bell buoy, Sisters.....	20 00	
Mr. Wason, Harrington & Co	Lifting and replacing Mars Rock and Portuguese Head buoys and moorings.....	112 00	
do	Placing Rock Head buoy and moorings	73 50	
do	Replacing Commissioners buoy.....	14 00	
do	do bell buoy, Sisters, including raising and bringing to Halifax	161 00	
do	Placing Point Pleasant buoy	17 50	
do	Services of tugboat.....	6 00	
			620 00
	<i>Joggins Bridge.</i>		
Mr. A. Cossett	Pulling down 3 buoys, iron work, etc.....	5 40	
do	Taking up buoys and moorings.....	2 00	
do	Labour, laying buoys, and iron work	9 00	
			16 40
	<i>Ketch Harbour.</i>		
Mr. Grant.....	Anchor	13 00	
Mr. Mackie	4 buoys and 3 mooring stones, and placing	33 00	
			46 00
	<i>La Have.</i>		
Mr. H. Zwicker.....	Painting buoys.....	8 00	
do	Mooring stone, \$5; teaming \$2.50	7 50	
do	Picking up buoy	1 00	
do	Boat hire and labour, laying buoys	8 50	
do	Paint and oil, \$1.40; iron work, \$3	4 40	
			29 40
	Carried forward .....	.....	2,165 44

STATEMENT of Expenditure in connection with the Maintenance of Light houses, Fog-Whistles, etc., Nova Scotia, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			2,165	4
	BUOYS AND BEACONS— <i>Continue I.</i>				
	<i>Luxenburg.</i>				
Reuben Heisler.....	Iron work.....		2 00		
do	Laying Sculpin Rock buoy		13 00		
do	do Haddock Shoal buoy.....		10 00		
do	Amount of contract to 31st Dec., 1883		200 00		
Henry Lohnes	Laying buoys in South Harbour		30 00		
Henry Courad	do Back South Harbour		30 00		
				285	0
	<i>Lennex Passage.</i>				
John Peters	Amount of contract for 1 year.....		133 32		
L. Dilorey	Freight on 6 buoys		6 00		
do	6 mooring weights, and drilling.....		18 00		
do	4 posts for shoals, \$8; iron work, \$9.80		17 80		
				175	1
	<i>Louisburg.</i>				
P. O'Toole.....	Raising and storing buoys, etc.		30 00		
do	Spar buoy, \$18; mooring stone, \$5		23 00		
do	Labour, boat hire, painting and laying buoys		25 00		
do	Iron work		13 52		
				91	5
	<i>Little Narrows.</i>				
Duncan Ferguson	Taking up and laying buoys, and moorings			16	00
	<i>Mahone Bay.</i>				
James Mosher	Raising and laying buoys and moorings for 1 year.....			200	00
	<i>Merigomish.</i>				
James Chisholm	Amount of contract for 1 year.....			31	30
	<i>Main-à-Dieu.</i>				
Peter Mullins	Freight, mooring stones.....			3	50
	<i>Mabou.</i>				
Finlay Rankin.....	Raising buoys and moorings			37	13
	<i>North Sydney.</i>				
Geo. H. Dobson	Picking up Petrie Ledge buoy, and towing to North Sydney		15 00		
do	Anchor and chain, \$39.60; iron work, \$5.25		44 85		
do	Labour, laying Petrie Ledge buoy		12 00		
do	Picking up and towing to North Sydney, South Bar buoy		15 00		
do	Anchor and chain, \$45; iron work, \$21.62		66 62		
do	Laying South Bar buoy and moorings		10 00		
do	Paint and oil, \$11.60; rope, \$1.20		12 80		
do	Hire of steamer taking in buoys		30 00		
do	do placing do		40 00		
do	Labour and boat hire		67 25		
do	Salvage on anchor and chain		10 00		
				323	52
	Carried forward.....			3,328	56

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., Nova Scotia, etc.—Continued.

		\$	cts	\$	cts.
	ght forward.....			3,328	56
	BUOYS AND BEACONS—Continued.				
	<i>Negro Harbour.</i>				
R. Greenwood	2 stones, and fitting.....		5 00		
do	Painting and replacing 9 buoys.....		40 50		
do	Spar, buoys and chain		7 05		
do	Iron work, paint, 95c.; saving buoy, \$1.50		2 45		
do	Spar buoy, chain, stone, and placing		4 00		
				59	00
	<i>Port LaTour.</i>				
omas Ross	Amount of contract, 1 year.....		29 00		
mes Gordon.....	Iron work.....		25 20		
				54	20
	<i>Pubnico.</i>				
G. Amereau	Boat hire.....		23 13		
do	Labour and placing		15 00		
do	Rope, 62c.; iron and drill, \$4 60.....		5 22		
do	Oil, paint and varnish.....		10 64		
				53	99
	<i>Port Medway.</i>				
an Hutt.....	Painting buoys		3 00		
do	Hire of vessel, \$10; iron work, \$16.90		56 90		
Stairs, Son & Morrow	Chain		20 36		
				80	26
	<i>Parishboro'.</i>				
omas Jeamur.....	Amount of contract, $\frac{1}{2}$ year.....			50	00
	<i>Pugwash.</i>				
hn Seamen.....	Amount of contract.....			45	00
	<i>Pope's Harbour.</i>				
mes Bollong	Chain			3	70
	<i>Port Hood.</i>				
H. Murphy.....	Amount of contract, 1 year			141	66
	<i>Pictou.</i>				
R. Noonan.	Lifting and storing buoys and moorings			171	72
	<i>Port Hawkesbury.</i>				
mes McDonald.....	Raising and storing buoys and moorings			8	00
	<i>Petit de Grat.</i>				
Marchand	Furnishing and placing 8 new spar buoys and moorings		35 00		
do	1 cask buoy and mooring.....		10 00		
do	Taking up and storing 1 cask buoy.....		30 00		
do	Repairing, painting and placing 1 cask buoy.....		75 00		
				150	00
	Carried forward.....			4,146	09

STATEMENT of Expenditure in connection with the Maintenance of Lighthouse houses, Fog-Whistles, etc., in Nova Scotia, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward.....		4,146 0
	BUOYS AND BEACONS—Continued.		
	<i>Shelburne.</i>		
J. A. McGowan	Taking up Sand Spit and Middle Ground buoys and moorings.....	20 00	
do	Placing do	28 00	
do	Cleaning and painting, \$5; paint, \$1.25.....	6 25	
do	Wharfage.....	3 00	
Wm. McLean.....	Freight on buoys and moorings.....	4 50	
G. E. Smith & Co.....	Chain.....	10 93	82 6
	<i>Sambro.</i>		
James Rodgers	Placing and painting buoy on Connor's Reef, per agreement.....	25 00	
do	Recovering buoy	5 00	
Joseph Martin.....	Recovering, painting and placing Cooley's Shoal buoy.....	15 00	45 0
	<i>Ship Harbour.</i>		
James Marks, sen	Tending buoys, per agreement.....		40 0
	<i>St. Peter's Inlet.</i>		
Michael Fougere.....	Amount of contract, 1 year.....		60 0
	<i>St. Peter's Bay.</i>		
Joseph Hanson	Amount of contract, 1 year		164 0
	<i>St Mary's.</i>		
James G. Pride	Raising and storing buoys and moorings.....	30 00	
do	Repairing, painting and placing do	30 00	
do	1 set of moorings	4 00	64 0
	<i>Tusket.</i>		
James LeBlanc.....	1½ years buoy service, per contract		105 0
	<i>West Arichat.</i>		
Désiré LeBlanc	Lifting buoys, 1879.....		36 10
	<i>Windsor.</i>		
B. N. Banks.....	Vessel laying buoys.	34 00	
do	Labour with man and boat	14 00	
do	Hire of vessel taking up buoys.....	50 00	
do	Services attending buoys	25 00	
do	Cleaning and painting.....	5 00	
do	Painting and lettering can buoys.....	3 00	
do	Paint and oil, \$2.20; wharfage, \$2.50.....	4 70	
do	Iron work, 50c.; labour, \$10.....	10 50	
do	Vessel hire and buoy service	45 00	
W. Stairs.....	Schooner "Morrow," chain cable.....	200 72	391 92
	Carried forward.....		5,134 72

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., Nova Scotia, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward.			5,134	79
	BUOYS AND BEACONS—Concluded.				
	<i>Wallace.</i>				
Mullins.....	Mooring stones.....		3 50		
do	Iron work, \$9.66; labour and boat hire, \$8.75.		18 41		
do	Lifting buoys and moorings		15 00		
do	Taking care of buoys.....		10 00		
do	Scraping and painting.....		4 50		
do	Labour grappling for lost chains and anchors, and replacing.		28 50		
do	Hire of vessel, \$4; storage, \$3		7 00		
do	Paint.....		1 56		
	<i>Westport.</i>			88	47
R. D. Suthern.....	Taking up and replacing 3 can buoys.....		72 00		
do	Boat hire, \$3; removing buoy, \$12.		15 00		
do	Iron work, \$3.83; painting, \$8.....		11 83		
	<i>Whitehead.</i>			98	83
O. N. Feltmate.....	$\frac{1}{2}$ years buoy service, per agreement		125 00		
do	Cleaning, repairing, painting and laying buoys, per agreement.		115 00		
	<i>Yarmouth.</i>			240	00
Eben Scott	Lifting and replacing Roaring Bull buoy and moorings.....		50 00		
do	2 buoys and moorings, drilling and painting		12 05		
do	Iron work, \$14 36; boat hire and labour, \$24 85....		39 21		
do	Spars, \$10 25; driving piles, \$32		42 25		
do	Painting and tarring piles and buoys		12 50		
do	Logs, iron work and repairing piles.		89 02		
do	Tugs.....		2 00		
	MISCELLANEOUS.			247	03
				5,869	12
John Findlay.....	Repairing buoys.....		185 00		
Silas Townsend.....	Anchors		369 60		
Charles Carey.....	Posting hand-bills.....		1 00		
J. R. Kenny	Towing automatic buoy.....		70 25		
C. Crowell	Salvage do		219 75		
M. Downey.....	Painting and lettering buoys.....		6 00		
J. E. Butler.....	Spar buoys		558 00		
Burwell, Johnson & Co....	Repairing bell buoy		36 37		
W. Stairs, Son & Morrow	Iron.....		31 16		
John Fleming.....	Spar buoys.....		733 00		
G. E. Smith & Co.....	Oakum, paint, iron, etc.....		326 66		
W. S. Symonds & Co.....	Repairing bell buoys, etc.....		101 53		
A. Moir & Sons.....	Swivels		17 40		
T. Hopkins.....	Freight on spar buoys.....		5 00		
Theakston & Angwin...	Iron rivets, etc.....		197 05		
J. Hogan & Sons.....	Lumber.....		17 15		
W. H. Mooney.....	Services of tug inspecting Larcher automatic buoy		15 00		
Macdonald & Co.....	Whistles, bells and valves.....		70 65		
A. W. Yeaton.....	Mooring stones.....		100 50		
Bank of Montreal.....	Salvage on automatic buoy		700 00		
C. T. Ward.....	Freight on automatic buoy from Boston.....		85 00		
J. Patterson.....	Altering buoy		1 80		
				3,857	87
				9,666	99

STATEMENT of Expenditure in connection with the Maintenance of Lighthouses, Fog-Whistles, etc., in Nova Scotia, etc.—*Concluded.*

		\$ cts.	\$ cts.
SIGNAL STATIONS.			
Lieut. E. A. Wrottesley..	Salary as Superintendent of Signals, June and September quarters, 1883	75 00	
Col. C. S. Akers ..	Repairing gun platform, Sambro Island	14 60	
Capt. H. C. Dawson	Expenses of stations, June quarter, 1883	518 34	
Major James Wray.....	do September quarter, 1883	729 32	
do	do December do 1883	1,162 24	
do	Conveyance of signal parties and stores.....	261 00	
Lieut. J. O. Middlemas...	Salary as Superintendent, 9 months	112 50	
S. Cunard & Co ...	Freight of telescope	5 13	
Major Fred. Fereday	Expenses of stations, March quarter, 1884	499 10	
do	Conveyance of signal parties, stores, etc	90 78	
			3,468 01

RECAPITULATION.

Maintenance of Lighthouses	98,098 98	
do Fog Alarms	22,714 62	
do Humane Establishments	7,552 12	
do Buoys and Beacons	9,666 99	
do Signal Stations	3,468 01	
do Cape Race.....	1,002 19	
		142,502 91
Chance, Bros. & Co., apparatus for Cranberry Island.....		3,087 90
Queen's Printer, stationery and printing		226 43
Public Buildings, Halifax, N.S., share of heating and attendance.....		206 40
		146,023 64
REFUNDS.		
Received from P. Kempton, for advance on account of Cranberry Island Light	1,336 00	
Hire of steam pump, Cranberry Island	50 00	
Proceeds of sale of cotton and cranberries, Sable Island	1,353 42	
do empty casks, etc.	374 50	
		3,113 92
Total		142,909 72

WM. SMITH,

Deputy Minister of Marine and Fisheries.

F. GOURDEAU,

Acting Accountant.

APPENDIX No. 5

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with the Maintenance of Lighthouses, Fog-Whistles, etc., in New Brunswick, for the Fiscal Year ended 30th June, 1884.

GENERAL ACCOUNT.		\$	cts.	\$	cts.
James Mitchell	Freight.	45	70		
Western Union Telegraph Co.	Fees for 12 months.	155	82		
J. R. Cameron	Chimnies, wicks and burners.	197	97		
Imperial Oil Co.	Oil, 13,183 gallons, at 26c	3,427	70		
Sun Publishing Co.	Advertising.	75	00		
Joseph Millar.	Freight, etc.	19	33		
G.N.W. Telegraph Co.	Inspector, Telegraph.	16	61		
Hugh Belmore	Freight on empty barrels.	20	50		
E. Willis.	Advertising in St. John <i>Daily News</i>	103	85		
J. S. Fleming.	Freight on supplies.	121	87		
G. W. Day.	Printing.	34	00		
Henry King.	Boating and carting.	403	19		
W. H. Quinn.	Wharfage.	5	00		
Harding & Hatheway.	Lime.	37	65		
G. E. Bustin.	Painting life-buoys.	6	00		
W. H. Thorne & Co.	Hardware, stoves, oil and taps.	16	40		
Estey, Allwood & Co.	Life-preservers.	62	55		
Chance, Bros. & Co.	Lanterns.	275	57		
Philip Doody.	Labour on derricks.	50	26		
Gilbert Doody.	do.	39	60		
A. G. Bowes & Co.	Oil cans, etc.	55	98		
Adelaide M. Thomas.	1 years salary as Telegraph Operator, to 30th June, 1884.	150	00		
C. E. Harding & Son.	Lumber.	3	32		
E. J. Armstrong.	Printing.	4	00		
T. B. Barker & Son.	Paints, oil, etc.	21	51		
J. Johnston.	Postage.	20	65		
John Woodley.	Boats, \$70; and repairs to boats, \$17.49.	87	49		
Robt. Laskey.	Blocks.	9	50		
J. H. Harding.	Travelling expenses.	130	00		
L. H. Vaughan & Bros.	Rope, blocks, etc.	504	93		
J. & J. D. Howe.	Stationery case.	30	00		
F. E. Harding.	Travelling expenses.	7	80		
Barton Gandy.	4 barrels cement.	15	40		
R. Barbour.	Painting.	38	50		
Wm. Fanjoy.	Boarding painter for 1 week.	4	00		
John McEwen.	Carting supplies, etc.	5	50		
Bromdage & Jackson.	Coal bags.	5	40		
C. W. Day.	Carting.	2	00		
R. R. Call.	4 years rent of warehouse, to 31st December, 1883, \$200; freight on coal, etc., \$43.15.	243	15		
D. W. Stillwell.	Freight for river lights.	10	95		
Trinity House.	Rong powder.	80	70		
S. Carruthers.	Carting oil.	8	00		
J. D. Weldon.	Horse hire.	8	50		
Robt. Ellis.	Surveying land.	10	00		
R. B. Humphreys.	Freight.	19	45		
George Barnes.	Searching records.	1	00		
R. L. Babbitt.	do.	5	00		
J. Clarkson.	do.	1	00		
W. H. Noble.	On account of travelling expenses.	30	00		
T. McAvity & Sons.	Hinges, screws and bolts.	10	58		
Carried forward.		6,638	98		

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward	6,638	98		
GENERAL ACCOUNTS—Concluded.					
Alex. McKillop	Maintaining Lightship, 1883, at Point Lepreaux.	132	80		
Clifton Manufacturing Co.	1 gross of wick-trimmers.	30	00		
B. A. Bank Note Co.	3 cheque books	50	63		
T. G. Loggie	Copying plans	6	06		
George Calhoun	Searching records	3	00		
Fred. Blackadar	Chimney cleaners	18	75		
H. H. Hatch	Searching records	9	12		
A. Christie & Co.	Repairing doors, sashes, etc.	6	20		
Fred Blacklock	Balance of account for 100 cords of wood.	183	60		
Barnes & Co.	Stationery	21	58		
Thomas Campbell	Repairs to water pipes.	10	27		
James W. Hersey	Labour on drain and coal bags.	9	00		
Charles L. Nelson	Paper wraps, etc	38	50		
Mrs. E. Hughes	Cleaning hall and windows	3	50		
F. J. Harding	Freight on telegraph wire.	7	37		
Hans Halversen	Labour on oil	6	50		
Campbell & Ellis	Tin pipe, etc	13	43		
Sarah J. Drake	Repairing and making flags.	8	50		
E. L. Street	Chamois and sponges.	23	00		
Joseph Bullock	Storage on oil	67	95		
J. R. Smith	Coal baskets	71	10		
W. J. Fisher	Repairing roof.	3	98		
				7,368	66
<i>Inspector's Office.</i>					
James Mitchell	12 months salary as Inspector	1,176	00		
Receiver-General	do superannuation tax.	24	00		
James Mitchell	do travelling expenses.	344	08		
				1,544	08
<i>Agent's Office.</i>					
J. H. Harding	12 months salary as agent.	\$1,764	00		
Receiver-General	do superannuation tax.	36	00		
				1,800	00
F. Harding	7 do salary as Clerk, at \$45.	\$ 343	00		
do	6 do do \$65.33.	391	98		
Receiver-General	12 do superannuation tax.	14	01		
				748	99
Joseph Millar	13 do salary as Janitor.	\$534	82		
Receiver-General	12 do superannuation tax	6	28		
				541	10
S. T. King	Rent of Post Office box, 1 year to 30th June, 1883.	4	00		
J. R. Stone	Express charges on index cases.	36	70		
Thomas Campbell	Labour on pipe.	12	37		
Gas Light Co.	Gas bill for year ended 30th June, 1884.	25	64		
Macaulay Bros. & Co	Towels	5	60		
A. C. Smith	Water rates to 1st August, 1883.	9	94		
T. B. Barker & Son	Olive oil, alcohol, soap, etc.	12	63		
F. B. Hannington	Postage stamps.	130	00		
Western Union Telegraph Co.	Telegrams	9	72		
"Sun" Publishing Co	Subscription to paper and advertising	10	00		
G. W. Day	Printing	5	00		
"News Room"	12 months subscription	10	00		
Crystal Ice Co.	7 do supply of ice.	7	00		
A. G. Bowes & Co.	"in boxes and funnels	5	02		
J. & A. McMillan	Memo. books and stationery	16	15		
A. Christie & Co.	Labour on windows, doors, etc.	33	36		
				3,423	22
	Carried forward			8,912	74

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward	3,423 22	8,912 74
	<i>Agent's Office—Concluded.</i>		
George Cox	Seal	5 00	
Robert Blaine	1 dozen penholders, pens, pencils, etc.	3 75	
Joseph Millar	Petty expenses	11 30	
Jane Millar	Towels	5 00	
D. McAlpine	Directory	2 50	
James Hunter	Repairing and fitting bells	14 35	
E. J. Armstrong	Printing tags	8 00	
Barnes & Co.	Stationery	89 20	
Campbell & Ellis	Tinware and labour	13 46	
W. A. Black	Post Office Order—subscription to Nautical Magazine	3 75	
E. Willis	Subscription, St. John "Daily News"	5 00	3,584 53
	<i>Beaver Harbour Light.</i>		
E. Snell	12 months salary as Light-keeper	\$246 28	
Receiver-General	do superannuation tax	3 72	
		250 00	
L. H. Vaughan & Bros.	Rope and blocks	30 90	
Macauley, Bros & Co.	Cotton and towelling	11 31	
J. R. Cameron	Chimneys, wicks and matches	96 10	
T. B. Barker & Sons	Oil, soap, fog horn and paint	57 22	
C. E. Harding & Son	Lumber	27 75	
Hugh Belmore	Freight on lumber, etc.	27 00	
S. O. Blizard	Lumber	14 00	
James Anderson	Repairing foundation	14 00	
Alfred Walden	Freight on burners, oil, etc.	2 40	
Edward Snell	Allowance for fuel for 1883	20 00	
C. Hevenor	Repairing burners	3 65	554 33
	<i>Beacon Light (St. John Harbour.)</i>		
Timothy Clark	12 months salary as Light-keeper	\$420 00	
Receiver-General	do superannuation tax	5 00	
		425 00	
L. H. Vaughan & Bros.	Rope and nails	50 93	
Macauley, Bros. & Co.	Cotton, flannel and towels	34 35	
W. H. Thorne & Co.	Copper wire	11 93	
J. R. Cameron	Wick, lamps and chimneys	26 20	
T. B. Barker & Son	Soap, alcohol and paint	61 52	
S. G. Blizard	Lumber	33 58	
J. W. Harrington	15 rolls room paper	2 25	
Timothy Clark	Allowance for fuel to 1st June, 1884	20 00	
John Watson	Boat hire	7 00	
Henry King	Boating	55 10	
G. E. Bustin	Painting building	36 00	
John Woodley	Boat, \$48.50; and repairs to boat, \$12.00	58 50	
Wm. Lewis & Son	Iron work and derrick	129 55	
D. Coughlan	Marine glass	4 00	
R. P. McGivern	$\frac{1}{2}$ chaldron coal, at \$6.00	3 00	
Clark & Lockhart	Carpenter's repairs	52 00	
Robt. Barbour	Painting	8 50	
James Armstrong	Iron work	26 13	
Geo. Hutchinson	Clock	5 00	
G. Hevenor	Repairing lamps	26 59	
A. F. Dibblee	3 pairs of oars	4 50	
R. P. & W. F. Starr	$\frac{1}{2}$ chaldron coal	3 13	
Joggins Coal Mine Association	1 do	4 75	1,087 51
	Carried forward		14,139 11

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward.....			14,139	11
	<i>Bliss Island Light.</i>				
Hugh Maloney.....	4 months and 8 days salary as Light-keeper, to 8th December, 1883.....	\$129	62		
Receiver-General.....	4 months and 8 days superannuation tax.....	1	86	131	48
Cornelius McNichol.....	6 months and 23 days salary as Light-keeper, to 30th June, 1884.....			168	52
L. H. Vaughan & Bros.....	Rope.....		20	90	
Thos. Stewart & Co.....	Canvas, waste and lead.....		17	15	
Macauley Bros. & Co.....	Cotton, flannel and baize.....		18	36	
W. H. Thorne & Co.....	Soap, brooms and powder.....		34	87	
J. R. Cameron.....	Wicks, matches and chimneys.....		20	25	
Hugh Belmore.....	Freight.....		34	00	
Hugh Maloney.....	Carting supplies.....		18	80	
Cornelius McNichol.....	Allowance for fuel, to 30th June, 1884.....		20	00	
do.....	Stove and pipe.....		16	41	
				500	74
	<i>Bathurst Light.</i>				
Geo. C. Sutherland.....	12 months salary as Light-keeper.....	\$148	12		
Receiver-General.....	do superannuation tax.....	1	88	150	00
Wm. Mason.....	Cotton, flannel and matches.....		25	99	
Geo. C. Sutherland.....	Repairing lamps and rent of land.....		15	00	
				190	99
	<i>Cape Enrage Light.</i>				
W. S. Starsalt.....	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00	400	00
Macauley Bros & Co.....	Cotton, flannel and towels.....		62	45	
T. B. Barker & Sons.....	Oil, alcohol and soap.....		31	68	
				494	13
	<i>Cape Jourimaine Light.</i>				
A. W. Bent.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72	300	00
James Noonan.....	23 days labour.....		34	50	
Crane & Harper.....	Shingles and nails.....		76	26	
J. R. Cameron.....	Chimneys.....		11	25	
John Ferguson.....	Paint, oil and cotton.....		66	19	
				483	20
	<i>Caraquet Light.</i>				
Joseph Porlier.....	12 months salary as Light-keeper.....		200	00	
Chas. Robins.....	Paint and oil.....		77	70	
John Ferguson.....	do.....		47	89	
				325	59
	<i>Cox's Point.</i>				
M. Y. Cox.....	12 months salary as Light-keeper.....		80	00	
Macauley Bros. & Co.....	Cotton, flannels and towels.....		5	07	
J. R. Cameron.....	Wicks, chimneys and matches.....		10	00	
T. B. Barker & Sons.....	Brooms, paint and oil.....		15	53	
F. E. Harding.....	Painting.....		32	50	
G. Hevenor.....	Repairing lantern.....		3	59	
M. Y. Cox.....	Boarding painter.....		12	00	
				153	69
	Carried forward.....			16,297	45

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., New Brunswick, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			16,297	45
	<i>Cassie's Point Light.</i>				
Chas. LeBlanc.....	12 months salary as Light-keeper	\$246	88		
Receiver-General.....	do superannuation tax.....	3	12		
			250	00	
John Ferguson	Paint, oil and cotton		36	90	
Chas. LeBlanc	Carting and room paper		6	28	
J. R. Cameron.....	Chimneys and wicks		8	25	
				301	43
	<i>Cape Spencer Light.</i>				
Geo. C. Blacklock	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
			400	00	
Macauley Bros. & Co.....	Flannel and canvas		52	05	
T. B. Barker & Sons	Soap, alcohol and brushes		21	50	
J. R. Cameron	Chimneys, wicks and matches		28	89	
Wm. Lewis & Son	Iron strap		6	50	
Ross Powers	Lumber and carting.....		6	50	
S. G. Blizard	Lumber		35	77	
Fred. Blacklock	Road work, carting and cutting wood		201	50	
L. H. Vaughan & Bros...	Rope.....		4	88	
				757	59
	<i>Dalhousie Light.</i>				
Louis Arseneaux	12 months salary as Light-keeper		100	60	
Wm. Masson.....	Cotton, flannels, towels and pails.....		24	69	
John Ferguson	Paint and oil.....		16	40	
John Harquail.....	do		34	00	
				175	09
	<i>Escuminac Light.</i>				
Thos. Phillips	12 months salary as Light-keeper	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
			400	00	
J. R. Cameron.....	Chimneys.....		18	55	
E. Willis	Advertising in "Daily News"		3	00	
John Ferguson.....	Paint, oil and cotton		79	39	
John Fish	Stove		13	00	
Geo. Watt	Lamp glasses.....		1	00	
J. H. Phinney	Galvanized kettle.....		0	75	
James Nash	Making road		120	00	
				635	69
	<i>East Head Light (Musquash).</i>				
Chas. P. Hamm.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
			300	00	
L. H. Vaughan & Bros...	Rope.....		62	47	
J. R. Cameron.....	Chimneys and wicks		11	20	
T. B. Barker & Sons...	White lead, soap, oil and blinds.....		57	60	
Hugh Belmore	Freight on white lead, oil, etc.....		12	00	
C. P. Hamm.....	Allowance for fuel and carting oil.....		22	00	
Macauley Bros. & Co....	Flannel, cotton and towelling.....		9	25	
				474	52
	Carried forward.....			18,641	77

STATEMENT of Expenditure in connection with the maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			18,641	77
	<i>Fox Island Light (Upper).</i>				
Wood Williston	12 months salary as Light-keeper.....	\$296	28		
Receiver-General	do superannuation tax.....	3	72		
			300	00	
Wm. Masson.....	Cotton, flannels and pails.....		32	57	
H. C. Williston.....	Freight on supplies.....		9	00	
John McNaughton	Rent of land.....		30	00	
John Ferguson	Glass and putty		2	57	
J. W. Crocker	Building bridge		150	00	
Chas. Bennett	Repairing lantern and lamps.....		20	50	
Geo. Ingram.....	Painting building		60	00	
					601 64
	<i>Fox Island Light (Lower.)</i>				
Robert Reinsborrow.....	12 months salary as Light-keeper.....	\$197	52		
Receiver-General	do superannuation tax.....	2	48		
			200	00	
Wm. Masson	Cotton, flannel and pails		34	18	
John Ferguson	Paint and oil.....		54	57	
Robert Reinsborrow.....	Cordwood, and carting oil.....		38	50	
J. R. Cameron.....	Burners and chimneys.....		15	10	
Chas. Bennett.....	Repairing lantern and lamps		4	00	
Geo. Ingram.....	Painting		30	00	
					376 35
	<i>Fanjoy's Point Light.</i>				
Wm. Fanjoy.....	12 months salary as Light-keeper.....		80	00	
Macauley Bros. & Co.....	Cotton and towels.....		2	85	
J. R. Cameron.....	Wicks and burners		2	25	
F. E. Harding	Painting		17	50	
					103 60
	<i>Grindstone Island Light.</i>				
John R. Styles.....	12 months salary as Light-keeper.....	\$395	00		
Receiver-General.....	do superannuation tax.....	5	00		
			400	00	
Macauley Bros. & Co.....	Cotton, flannel and towels		17	90	
J. R. Cameron.....	Chimneys, matches and freight.....		20	35	
John Clark.....	12 months rent of boat house.....		12	00	
L. H. Vaughan & Bros....	Hemp rope		5	04	
John Smith.....	Brass wheels		76	70	
Geo. Smith.....	Travelling expenses, \$75.16; and valves, \$10.....		85	16	
John R. Styles.....	Bearding engineer.....		22	50	
					639 65
	<i>Green Head Light.</i>				
John N. Williams	12 months salary as Light-keeper.....		80	00	
J. R. Cameron.....	Burners.....		24	00	
Joseph Armstrong	1 years rent of land.....		10	00	
					114 00
	<i>Gannet Rock Light.</i>				
O. A. Kent.....	12 months salary as Light-keeper.....	\$594	40		
Receiver-General	do superannuation tax.....	5	60		
			600	00	
L. H. Vaughan & Bros....	Iron, rope and blocks.....		286	53	
Thos. Stewart & Co.....	Hinges, zinc and canvas		89	90	
	Carried forward.....		976	43	20,479 01

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward.....	976 43	20,479 01
	<i>Gannet Rock Light—Concluded.</i>		
Macauley Bros. & Co.....	Cotton, flannel and canvas.....	162 23	
J. R. Cameron.....	Chimneys, lamps and matches.....	66 88	
C. E. Harding & Son.....	Lumber.....	242 65	
D. L. Hutchinson.....	Clock.....	12 50	
R. P. & W. F. Starr.....	Coal.....	5 63	
Phillip Doody.....	Labour on timber.....	21 25	
Hugh Belmore.....	Freight on timber, etc.....	128 00	
O. A. Kent.....	Boating water, \$421.98; and boarding labourers, 347½ days, at 75 cents = \$260.75.....	682 73	
T. B. Barker & Sons.....	Paint, oil and soap.....	195 83	
Jas. Armstrong.....	Water kegs.....	47 00	
S. G. Blizard.....	Lumber.....	121 58	
Joggins Coal Mine Ass'n	16 tons coal, at \$2.40.....	38 40	
Robt. Laskey.....	Repairing blocks.....	26 00	
G. W. Harvey.....	Blacksmith's work and hire of tools.....	179 00	
W. H. Thorne & Co.....	Pig lead and steel.....	147 72	
Wm. Lewis & Son.....	Iron and blacksmith's work.....	90 41	
B. Robinson.....	95 days labour, at \$2.00.....	195 00	
Johnson Turner.....	72 do 2.50.....	180 00	
S. W. Benson.....	29 do 1.50.....	90 00	
L. V. Kent.....	41 do 1.50.....	61 50	
Wm. Russell.....	Flannel.....	30 93	
Wm. Watt.....	Flannel and oakum.....	50 75	
Walter Lane.....	Building tramway.....	12 25	
G. Hevenor.....	Iron truck.....	10 50	
W. B. McLaughlin.....	Powder.....	138 00	
F. Cronk.....	Freight.....	4 40	
G. Gaskill.....	Powder.....	27 66	
			3,945 23
	<i>Grant's Beach Light.</i>		
John Delaney.....	12 months salary as Light-keeper.....	119 44	
Wm. Masson.....	Cotton, flannel and rope.....	33 58	
J. R. Cameron.....	Wicks.....	2 50	
Chas. Bennett.....	Repairing lantern.....	19 00	
			174 52
	<i>Goose Lake Light.</i>		
D. J. B. Robicheaux.....	12 months salary as Light-keeper... .. \$246 88		
Receiver-General.....	do superannuation tax..... 3 12		
		250 00	
John Ferguson.....	Paint, oil and cotton.....	14 45	
			264 45
	<i>Grand Harbour Light.</i>		
H. McLaughlin.....	3 months salary as Light-keeper..... \$98 75		
Receiver-General.....	do superannuation tax..... 1 25		
		100 00	
B. Robinson.....	2 months 10 days salary, as Light-keeper, to 10th December, 1883.....	76 21	
Mark Daggett.....	6 months 20 days salary as Light-keeper, to 30th June, 1884.....	222 54	
L. H. Vaughan & Bros.....	Rope and stovepipe.....	26 63	
H. McLaughlin.....	Soldering iron, canvas and allowance for fuel.....	32 66	
Thos. Stewart & Co.....	Brass taps.....	6 90	
Macauley Bros. & Co.....	Cotton, flannel and towels.....	10 44	
J. R. Cameron.....	Chimneys, wicks, burners and lamps.....	38 60	
W. H. Thorne & Co.....	Paper, brushes and paint.....	68 52	
Robert Barbour.....	Painting.....	59 75	
	Carried forward.....	640 25	24,863 21

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....	640	25	24,863	21
	<i>Grand Harbour Light—Concluded.</i>				
B. Robinson	Freight on chimneys, wicks, etc.....	7	50		
A. G. Bowes & Co.....	Stove and stovepipe.....	17	87		
Mark Daggett.....	Allowance for fuel, to 30th June, 1884.....	13	34		
				678	96
	<i>Hillsborough River Light.</i>				
E. Steeves.....	12 months salary as Light-keeper.....	75	00		
do	Freight on oil.....	4	83		
				79	83
	<i>Head Harbour Light.</i>				
Neil A. Seelye	12 months salary as Light-keeper.....	\$394	36		
Receiver-General.....	do superannuation tax.....	5	64		
				400	00
J. R. Cameron.....	Chimneys, wicks and matches.....	12	30		
Hugh Belmore	Freight on chimneys, wicks, etc.....	15	00		
D. J. O'Dell	Paper and freight.....	23	08		
Wm. Lewis & Son.....	Derrick, iron and ironing boats.....	23	30		
J. Chambers.....	Oars.....	3	00		
A. F. Dibblee.....	Boat.....	45	00		
R. Barbour	Painting.....	9	50		
				531	18
	<i>Heron Island Light.</i>				
John Dutch.....	12 months salary as Light-keeper.....	\$197	52		
Receiver-General.....	do superannuation tax.....	2	48		
				200	00
Wm. Masson.....	Cotton, flannel and brushes.....	26	69		
				226	69
	<i>Hendry's Point Light.</i>				
E. M. Hendry.....	12 months salary as Light-keeper.....	80	00		
Macanley Bros. & Co.....	Cotton, flannel and towels.....	2	85		
J. R. Cameron.....	Matches.....	0	20		
F. B. Barker & Sons.....	Paint and oil.....	6	60		
				89	65
	<i>Lightship (Miramichi.)</i>				
Timothy Daley.....	12 months salary as Light-keeper.....	\$695	00		
Receiver-General.....	do superannuation tax.....	5	00		
				700	00
J. R. Cameron.....	Wicks and chimneys.....	10	50		
J. Ferguson.....	Paint, oil and cotton.....	120	46		
Casey & O'Regan.....	Cutting vessel out.....	6	00		
R. R. Call.....	Freight and towing.....	50	25		
A. C. McLean.....	2 oil tanks.....	11	00		
James Wright.....	Removing ballast.....	7	00		
J. H. Phinney.....	Repairing lamps.....	6	85		
L. H. Vaughan & Bros.....	Chains.....	37	19		
James Mitchell.....	On account labour at repairs.....	150	00		
J. B. Snowball.....	Lumber.....	18	00		
Geo. Watt.....	5 gallons copper paint.....	13	75		
				1,131	00
	<i>Machias Seal Island Light.</i>				
David Webster.....	Balance of salary, to 10th June, 1883.....	13	72		
Chas. F. Seely.....	12 months salary as Light-keeper.....	500	00		
	Carried forward	513	72	27,600	52

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., New Brunswick, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward	513	72	27,600	52
	<i>Machias Seal Island Light—Concluded.</i>				
J. R. Cameron.....	Wicks, matches and chimneys.....		71 95		
A. J. Meloon.....	Boating		66 00		
F. H. & W. Wilder.....	Oil, postage and brushes.....		20 47		
D. Hutchinson.....	Clock.....		22 26		
A. F. Dibblee.....	Boat		48 00		
D. J. O'Dell.....	Freight on oil		3 62		
G. W. Meloon.....	Boating		91 00		
L. B. Barker & Sons.....	Medicine chest.....		20 00		
G. Havenor.....	Repairing lamps.....		37 80		
J. B. Smith.....	26 days labour at repairs to light.....		65 00		
A. G. Bowes & Co.....	Fire grate.....		2 95		
J. Woodley.....	Boat		50 00		
L. H. Vaughan & Bros..	Rope		0 64		
C. F. Seely.....	Boarding painters.....		117 86		
R. Barbour.....	On account, painting Lighthouses.....		100 00		
				1,231	27
	<i>Midgie Bluff Light.</i>				
Mrs. John W. McDiarmid	12 months salary as Light-keeper.....	\$197	52		
Receiver-General.....	do superannuation tax.....	2	48		
			200 00		
Macauley Bros & Co.....	Cotton and towelling.....		7 00		
T. B. Barker & Sons.....	Soap, alcohol and zinc.....		19 30		
J. R. Cameron.....	Chimneys, wicks and burners		46 80		
Angus Burgess.....	Repairing, building, carting and freight		84 53		
				357	63
	<i>Miscou Light.</i>				
Robt. Rivers.....	12 months salary as Light-keeper.....	\$493	72		
Receiver-General.....	do superannuation tax.....	6	28		
			500 00		
Wm. Sinclair.....	Boat and oars		42 65		
John Ferguson.....	Paint, oil and cotton		79 20		
J. R. Cameron.....	Burners and chimneys		100 00		
G. Hevenor.....	Repairing burners		2 25		
Shank & Burbridge.....	Freight on boat.....		3 00		
				727	10
	<i>Musquash Island Light.</i>				
Daniel Smith.....	12 months salary as Light-keeper.....		80 00		
Macauley Bros. & Co.....	Cotton and towels.....		1 20		
J. R. Cameron.....	Wicks		1 18		
				82	38
	<i>Middle Island Light.</i>				
David McEwen.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General.....	do superannuation tax.....	3	72		
			300 00		
Wm. Masson.....	Cotton and flannel		29 46		
John Ferguson.....	Paint, oil and cotton		25 98		
Peter Loggie.....	Repairs, painting, etc.....		245 00		
Geo. Watt.....	Paint and oil.....		114 75		
Chas. Bennett.....	Repairing lantern		16 00		
David McEwen.....	do chimney, windows, etc.....		35 30		
				766	49
	<i>Mark's Point Light.</i>				
Patrick Toomey.....	12 months salary as Light-keeper.....		110 00		
John Boyd.....	Carting oil.....		3 00		
	Carried forward		113 00	30,765	39

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., New Brunswick, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward	113 00	30,765 39
	<i>Mark's Point Light—Concluded.</i>		
Macatley, Bros. & Co.	Towels	3 15	
T. R. Barker & Sons	Soap, oil and whitening	12 55	
J. R. Cameron	Wicks and burners	4 35	
Wm. Carson	Freight on oil, etc.	1 12	
			134 17
	<i>No Man's Friend Light.</i>		
Morris Scovil	12 months salary as Light-keeper	80 00	
Macauley Bros. & Co.	Cotton and towels	1 62	
J. R. Cameron	Chimneys and burners	6 25	
F. E. Harding	Painting	17 50	
			165 37
	<i>Neguae Light.</i>		
Wm. Drummond	12 months salary as Light-keeper	212 50	
Estate of Wm. Morrison	Salary to 30th June	37 03	
Wm. Masson	Cotton, flannel and matches	42 92	
J. H. Phinney	Stove and pipe	20 20	
			312 65
	<i>Negro Town Point Light.</i>		
E. Ross	12 months salary as Light-keeper	\$296 28	
Receiver-General	do superannuation tax	3 72	
			300 00
"Sun" Publishing Co.	Advertising	6 00	
D. W. Clark	Re-erecting tower on end of breakwater	978 59	
J. R. Cameron	Wicks, burners and chimneys	107 21	
S. J. Drake	Making blinds	5 09	
H. King	Boating	23 20	
G. E. Harding & Son	Lumber	72 00	
Wm. Lewis & Son	Iron work and repairing	141 14	
Alex. Griffiths	Painting and paint	43 97	
W. H. Thorne & Co.	Glass	6 67	
G. Hevener	Copper, and labour at repairs	25 95	
E. Ross	Paid for boating	13 50	
L. H. Vaughan & Bros.	Canvas	1 44	
			1,724 76
	<i>McManus' Point Light.</i>		
Robert McMann	12 months salary as Light-keeper	80 00	
Macauley Bros. & Co.	Cotton and towels	1 95	
J. R. Cameron	Wicks and matches	38 45	
T. B. Barker & Sons	Oil, white lead and brooms	16 80	
R. McMann	Painting, \$3; lumber, \$9; and boarding painter, 2 weeks, at \$4, \$8	25 00	
F. E. Harding	Painting	39 00	
G. E. Harding & Son	Lumber	11 40	
Wm. Elliott	Iron knees	2 00	
S. B. Stewart	Carpenter's work at repairs	17 00	
James Millar & Bros.	Lumber	6 54	
			238 14
	<i>Oak Point (St. John River) Light.</i>		
William McLeod	12 months salary as Light-keeper	80 00	
Macauley Bros. & Co.	Cotton	0 60	
J. R. Cameron	Matches	0 20	
T. B. Barker & Sons	Glass	2 05	
F. E. Harding	Painting	15 00	
Wm. McLeod	Boarding painter	5 00	
			102 85
	Carried forward		33,383 33

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$ cts	\$ cts.
	Brought forward.....		33,£83 33
	<i>Oromocto Shoals Light.</i>		
C. H. Gilmour.....	12 months salary as Light-keeper.....	80 00	
D. W. Clark.....	Carpenter's repairs.....	79 75	
Macauley Bros. & Co.....	Cotton.....	0 60	
J. R. Cameron.....	Matches.....	1 40	161 75
	<i>Oak Point (Miramichi) Light.</i>		
Peter Morrison.....	12 months salary as Light-keeper.....	100 00	
Wm. Masson.....	Cotton, flannel and towels.....	34 49	
John Ferguson.....	Paint, oil and cotton.....	54 20	
Peter Morrison.....	Carting oil.....	4 00	
Chas. Bennett.....	Repairing lantern.....	18 00	
J. R. Cameron.....	Chimneys.....	7 50	218 19
	<i>Partridge Island Light.</i>		
James Wilson.....	12 months salary as Light-keeper.....	\$395 00	
Receiver-General.....	do superannuation tax.....	5 00	
		400 00	
Macauley Bros. & Co...	Cotton, flannel and towels.....	55 85	
T. B. Barker & Sons.....	Paint and oil.....	115 92	
J. R. Cameron.....	Burners, chimneys and wicks.....	144 35	
Geo. E. Bustin.....	Painting.....	63 50	
D. W. Clark.....	Repairs and glazing.....	141 79	
L. H. Vaughan & Bros...	Chain and rope.....	10 99	
Wm. Lewis & Son.....	Iron knees.....	6 16	
Henry King.....	Boating.....	50 80	
Joseph Howard.....	Repairing boat.....	18 00	
G. Hevenor.....	do lamps.....	17 09	
James Wilson.....	Boarding painter.....	8 00	
A. G. Bowes & Co.....	Stove grate.....	0 50	
E. Ross.....	Repairing boat.....	25 30	1,038 25
	<i>Point Lepreaux Light.</i>		
George Thomas.....	12 months salary as Light-keeper.....	\$395 00	
Receiver-General.....	do superannuation tax.....	5 00	
		400 00	
Macauley Bros. & Co.....	Cotton, flannels and towels.....	14 73	
T. B. Barker & Sons.....	Nails and alcohol.....	65 95	
J. B. Cameron.....	Wicks, burners, chimneys, matches, etc.....	31 15	
C. E. Harding.....	Lumber.....	8 00	
J. W. Harrington.....	Room paper.....	6 40	
Hugh Belmore.....	Freight on hardware, lumber, etc.....	20 00	
Henry King.....	Conveying painters to Light.....	20 00	
G. E. Bustin.....	Painting.....	57 50	
Geo. Thomas.....	Boarding painters, 52 days, at 60c., \$31.20; meals, \$2; and 15 days labour, \$25.50.....	58 70	
Wm. Lewis & Son.....	Iron work for derrick.....	88 24	
Wm. N. DeWitt.....	On account labour and repairs.....	100 00	870 67
	<i>Portage Island Light.</i>		
James Stymest.....	12 months salary as Light-keeper.....	\$197 52	
Receiver-General.....	do superannuation tax.....	2 48	
		200 00	
Wm. Masson.....	Cotton, flannel and rope.....	54 79	
John Ferguson.....	Glass and putty.....	2 27	257 06
	Carried forward.....		35,949 25

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$ cts	\$ cts
	Brought forward		35,949 25
	<i>Pokemouche Light.</i>		
P. Robicheaux.....	12 months salary as Light-keeper.....	\$197 52	
Receiver-General	do superannuation tax.....	2 48	
Edward Mahar ..	Labour moving beacon	200 00	
John Ferguson.....	Paint, oil and cotton	5 00	
Walter Lane.....	Lumber and labour boxing lantern	70 65	
Wm Lewis & Son.....	Iron work	1 65	
J. R. Cameron.....	Burners and chimneys	16 60	
P. Robicheaux.....	Carpenters repairs.....	27 00	
F. Robicheaux.....	Carting lantern	43 90	
		8 00	
			372 80
	<i>Pea Point Light.</i>		
Alex. Davidson	12 months salary as Light-keeper.....	\$246 88	
Receiver-General	do superannuation tax.....	3 12	
Thomas Stewart & Co....	Drills, lead and wheelbarrows	250 00	
Macauley Bros. Co	Flannel and towelling	26 60	
W. H. Thorne & Co.....	Oil, soap and whitelead	4 38	
J. R. Cameron.....	Freight on burners and wicks.....	88 59	
Hugh Belmore.....	Freight on oil, whitelead, wheelbarrows, etc.....	70 60	
Alex. Davidson.....	Allowance for fuel, to 30th June, 1883.....	24 00	
S. G. Blizzard	Lumber	20 00	
		14 75	
			488 92
	<i>Passamaquoddy Bay Light.</i>		
John Conley.....	5 months 8 days salary as Light-keeper, to 8th December, 1883.....	\$151 22	
Receiver-General..	Superannuation tax	4 36	
Hugh Maloney.....	6 months 22 days salary as Light-keeper, to 30th June, 1884	155 58	
Macauley Bros. & Co.....	Cotton, flannel, and Baize.....	194 42	
F. B. Barker & Son	Soap, alcohol and oil	19 60	
J. R. Cameron.....	Wicks, matches and oil	16 55	
A. Conley.....	Boating, water and labour	35 15	
A. Lamb	Stove and stove linings.....	78 50	
George Stickney.....	Whitewash brushes.....	18 85	
William Carson.....	Freight on lamps, etc.....	2 97	
Robinson & Glenn	Boiled oil and lead	5 64	
J. McNaughton	Boating water.....	29 17	
A. C. Bowes & Co.....	Oil tanks.....	29 00	
H. Belmore	Freight on oil, lead, etc	36 00	
John Pendlebury	New platform	14 10	
John Conley	Boating	18 00	
H. Greenlaw	Boating and repairing blocks	30 00	
H. Maloney	Allowance for fuel, \$20, and boarding labourers, \$19.20	84 00	
E. S. Polleys	Nails, brooms and pails	39 20	
L. H. Vaughan & Bros...	Rope	30 62	
William Carson.....	Freight on rope, etc.....	14 40	
		5 55	
			857 20
	<i>Preston's Beach Light.</i>		
Thomas Lewis.....	12 months salary as Light-keeper	119 44	
H. Williston.....	Carting supplies	6 00	
William Masson	Cotton, flannel, matches	30 64	
John Ferguson.....	Paint, oil and cotton	40 20	
M. Preston	1 year's rent of land.....	20 00	
	Carried forward.....	216 28	37,678 17

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—Continued.

		\$ cts.	\$ cts.
	Brought forward	216 28	37,678 17
	<i>Preston's Beach Light—Concluded.</i>		
Walter Lane.....	Lumber and labour boxing lantern.....	3 30	
J. Hevenor.....	New lantern.....	104 36	
J. R. Cameron.....	Chimneys and wicks.....	9 50	
George Ingram.....	Painting building.....	25 00	
Thomas Lewis.....	Carting lantern.....	9 00	
			367 44
	<i>Petit Rocher Light.</i>		
Hilarion Roy.....	12 months salary as Light-keeper.....	\$148 12	
Receiver-General.....	do superannuation tax.....	1 88	
		150 00	
Wm. Masson.....	Cotton, flannel and brooms.....	24 74	
			174 74
	<i>Quaco Light.</i>		
Wm. Love.....	12 months salary as Light-keeper.....	\$395 00	
Receiver-General.....	do superannuation tax.....	5 00	
		400 00	
Maccauley Bros. & Co.....	Cotton and towels.....	2 10	
J. R. Cameron.....	Chimneys, wicks and burners.....	2 81	
D. W. Clark.....	Balance on contract, \$90; and cutting brushes, \$26	116 00	
Wm. Lewis & Son.....	Iron work.....	84 85	
R. Barker.....	Painting boat.....	8 00	
Estey, Allwood & Co.....	Life preservers.....	9 10	
F. A. Dibblee.....	Boat.....	48 40	
Robert H. McLean.....	Freight on boat.....	4 40	
Henry King.....	Horse hire.....	9 00	
L. H. Vaughan & Bros.....	Wire, rope and chain.....	118 10	
"Sun" Publishing Co.....	Advertising.....	14 00	
A. G. Bowes & Co.....	Tin pails and stove.....	18 97	
J. R. Cochran.....	Labour on derrick, etc.....	223 83	
H. Mosher.....	do.....	14 75	
John Carson.....	Timber.....	31 75	
John Lefurgy.....	Labour on derrick, etc.....	4 50	
Wm. Wilson.....	Iron work.....	52 40	
J. E. Masher.....	Labour on derrick, etc.....	111 00	
Chas. Brown.....	Making mast.....	9 00	
G. E. Parks.....	Labour on derrick, etc.....	112 50	
John Powers.....	Ladder bolts.....	2 93	
G. E. Parks.....	Labour on derrick, etc.....	27 50	
Robt. Brown.....	Labour and carting brush.....	37 95	
W. H. Thorne & Co.....	Shovels and nails.....	10 31	
Wm. Love.....	Making road.....	24 00	
Wm. Vaughan.....	Inspecting work.....	155 00	
St. Martin's Manganese Co.....	Lumber.....	56 00	
T. B. Barker & Sons.....	Paint and oil.....	6 70	
			1,715 65
	<i>Robertson's Point Light.</i>		
Samuel Robertson.....	12 months salary as Light-keeper.....	80 00	
J. R. Cameron.....	Burners.....	1 20	
F. E. Harding.....	Painting.....	15 00	
S. W. Robertson.....	Boarding painter.....	4 00	
			100 20
	<i>Richibucto Light.</i>		
Fabien Richard.....	12 months salary as Light-keeper.....	\$182 68	
Receiver-General.....	do superannuation tax.....	2 32	
		185 00	
	Carried forward.....	185 00	40,036 20

STATEMENT of Expenditure in connection with the Maintenance of Light houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward	185 00	40,036 20
	<i>Richibucto Light—Concluded.</i>		
John Ferguson	Paint, oil and cotton	33 75	
J. R. Cameron	Burners and chimneys	12 10	230 85
	<i>Richibucto Beacon Light.</i>		
Pacificque Leger	12 months salary as Light keeper.....\$	197 52	
Receiver-General	do superannuation tax.....	2 48	
		200 00	
John Ferguson	Paint, oil and cotton	33 60	233 60
	<i>Public Wharf and Montgomery's Island Light.</i>		
Henry McNeil	12 months salary as Light-keeper.....	100 00	
Wm. Masson	Cotton, flannel and matches	26 89	126 89
	<i>Railway Wharf and Moffat's Wharf Light.</i>		
Geo. Cumming	12 months salary as Light-keeper.....	100 00	
J. R. Cameron	Burners and wicks.....	4 50	
Wm. Masson.....	Cotton, flannel and wicks.....	29 44	133 94
	<i>South Tracadie Light.</i>		
Joseph Forbes	12 months salary as Light-keeper.....	\$148 12	
Receiver-General	do superannuation tax.....	1 88	230 85
	<i>Swallow Tail Light.</i>		
John M. Kent	12 months salary as Light-keeper.....	\$395 00	
Receiver-General	do superannuation tax.....	5 00	
		400 00	
L. H. Vaughan & Bros ..	Rope, blocks and iron	289 21	
Thos. Stewart & Co.	Soldering iron.....	24 40	
Macanley Bros. & Co.....	Bunting, towelling and canvas.....	106 95	
C. E. Harding & Son.....	Lumber	345 99	
W. H. Thorne & Co.....	Paint, lead, alcohol, lead and iron	300 88	
J. R. Cameron.....	Wicks, burners and chimneys	124 35	
John Powers.....	Blacksmith work	12 35	
H. Belmore.....	Freight on coal and labour hoisting coal	94 00	
Walter Lane.....	Carpenter work and building tramway	154 45	
J. H. Kent.....	Boarding carpenters, 39½ days, at 75c, \$29.62; labour, \$45.50	75 12	
S. J. Naves & Co.....	Freight on uprights, boards, etc.....	26 40	
E. Gaskill.....	do iron, planks, etc.....	14 40	
Wm. Lewis & Son	Iron strap, derrick and iron car wheels	127 29	
Robt. Barbour.....	Painting	92 60	
Jas. Small.....	Carting sand, and labour.....	92 50	
S. G. Blizzard	Lumber	26 50	
Haley Bros	Sashes.....	18 35	
A. G. Bowes & Co.....	Stovepipe	13 00	
Simon Harvey	Carpenter work.....	7 00	
Robert Bell.....	Labour, 7 days, at \$2 00.....	14 00	
F. F. McNichol	Repairing lamps	7 40	
Thos. Redmond.....	Nails, paint and oil	20 10	
Geo. Watt	Freight on iron, sheet lead, etc.....	5 07	
G. Hevenor	Stovepipe	3 12	
F. Cronk	Freight on lumber, etc.....	43 20	
Joggins Coal Mine Association	14 tons coal, at \$2.40	33 60	
	Carried forward		43,383 71

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			43,383	71
	<i>Saint Andrew's Light.</i>				
Geo. Pendlebury.....	12 months salary as Light-keeper.....	\$296	28		
Receiver-General ..	do superannuation tax.....	3	72		
				300	00
L. H. Vaughan & Bros...	Rope.....			2	34
Macauley Bros. & Co.....	Cotton, flannel and sails.....			40	33
T. B. Barker & Sons.....	Oil, turpentine and brushes.....			38	15
J. R. Cameron.....	Chimneys and wicks.....			9	85
Wm. Carson.....	Freight on oil, turpentine, dry goods, etc.....			7	64
C. E. Harding & Son.....	Lumber.....			61	85
Hugh Belmore.....	Freight on coal.....			3	50
Wm. Lewis & Son.....	Ironing boat.....			3	25
R. Stinson.....	Freight on oil tank.....			1	00
E. S. Polleys ..	Rope and spikes.....			2	84
Geo. Pendlebury.....	Allowance for fuel, 1883-84.....			20	00
					490 75
	<i>Spruce Point Light.</i>				
John Boyd.....	12 months salary as Light-keeper.....			110	00
Macauley Bros. & Co.....	Cotton, flannel and towelling.....			4	20
T. B. Barker & Sons ..	Oil, paint and brushes.....			16	20
J. R. Cameron.....	Chimneys, wick and matches.....			6	85
John Smith.....	Copper paint.....			5	00
Wm. Carson.....	Freight on boat etc.....			9	65
John Woodley.....	Boat.....			46	50
Robt. Barbour ..	Painting boat.....			8	00
Estey, Allwood & Co....	Life preservers.....			6	25
R. Stinson.....	Freight on boat.....			5	00
					217 65
	<i>Sand Point Light.</i>				
Richard Wagner.....	12 months salary as Light-keeper.....			80	00
W. H. Thorne & Co.....	Zinc and copper tacks.....			0	98
Saunders Clark.....	Tinsmith's repairs.....			19	05
Wm. Lewis & Son	Iron and screw bolts.....			2	24
R. Barbour	Painting building.....			26	60
T. B. Barker & Sons	Paint and oil.....			16	60
Richard Wagner.....	Boarding painter two weeks, \$7; and carting supplies, \$3.61.....			10	61
G. Hevenor.....	Repairing lamps.....			6	87
					162 95
	<i>Shediac Light.</i>				
M. Robinson.....	12 months salary as Light-keeper.....	\$246	88		
Receiver-General ..	do superannuation tax.....	3	12		
				250	00
Wm. Masson.....	Cotton and flannel.....			25	39
John Ferguson.....	Cotton, flannel and brushes.....			27	55
M. Robinson.....	Repairing steps.....			6	00
					308 94
	<i>Southern Wolf Light.</i>				
Ezra Munroe.....	12 months salary as Light-keeper.....	\$494	36		
Receiver-General ..	do superannuation tax.....	5	64		
				500	00
Thos. Stewart & Co.....	Wheelbarrow and waste.....			23	00
Macauley Bros & Co.	Cotton, flannel and towelling.....			47	00
L. H. Vaughan & Bros...	Iron, rope and chain.....			65	94
J. R. Cameron.....	Wicks, chimneys and burners.....			77	85
	Carried forward			713	79
					44,564 00

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			44,564	00
	<i>Southern Wolf Light—Concluded.</i>				
W. H. Thorne & Co.	Oil, paint and soap	42	75		
R. P. & W. F. Starr.	Freight on coal		7 79		
Hugh Belmore	do	110	00		
D. J. O'Dell	do		0 63		
Joggins Coal Mine Ass'n	12 tons of coal, at \$2.40	28	80		
Wm. Lewis & Son	Derrick and winch	90	65		
G. Hevenor	Repairing burners	2	25		
S. G. Blizzard	Lumber	113	48		
C. E. Harding & Son	do	66	05		
Ezra Munroe	Labour on coal	15	44		
R. P. McGivern	Coal	12	03		
				1,203	66
	<i>Shippegan Light.</i>				
F. H. Dumaresq	12 months salary as Light keeper	\$237	00		
Receiver-General	do superannuation tax	3	00		
				240	00
F. H. Dumaresq	Increase of salary, May and June, 1883		6 66		
do	Postage, cotton and wood		9 28		
John Ferguson	Paint, oil and cotton	53	87		
J. A. Dumaresq	Carting oil	2	50		
J. R. Cameron	Wicks	1	25		
				313	56
	<i>Sheldrake Island Light.</i>				
Duncan Morrison	12 months salary as Light keeper	\$296	28		
Receiver-General	do superannuation tax	3	72		
				300	00
Wm. Masson	Cotton, flannel and rope		39 23		
John Ferguson	Paint, oil and cotton		38 70		
J. H. Phinney	Stove		8 50		
				396	43
	<i>South-West Head Light.</i>				
W. B. McLaughlin	12 months salary as Light-keeper	\$493	72		
Receiver-General	do superannuation tax	6	28		
				500	00
L. H. Vaughan & Bros.	Rope, glass and putty	144	75		
Macauley Bros. & Co	Cotton, towelling and baize	40	48		
J. R. Cameron	Chimneys, wicks and burners	38	60		
T. B. Barker & Sons	Paint, oil and glass	186	61		
W. H. Thorne & Co.	Nails, tubs and iron	40	71		
H. Belmore	Freight on oil and coal	104	00		
P. P. & W. F. Starr	1 ton of coal, at \$6; cooperage, \$1.60	7	60		
C. E. Harding & Son	Lumber	29	70		
Joggins Coal Mine Ass'n	14 tons of coal, at \$2.40	33	60		
S. G. Blizzard	Lumber	4	50		
Walter Lane	Repairing roof	86	00		
W. B. McLaughlin	Postage, \$30; boarding carpenters and painters, 65 days, at 75c., \$31.25; room paper, \$15.41; and repairing road, \$100		289 66		
Fred. Nutter	Carting		4 25		
E. Gaskill	Freight on glass		5 10		
A. J. McLaughlin	Carting oil and lumber		92 30		
Ottava McLaughlin	Carting coal and 2 cords wood		123 20		
F. McLaughlin	do		4 00		
Charles Russell	do		4 00		
R. Barbour	Painting building		329 00		
G. Hevenor	Repairing lamps		67 48		
	Carried forward	2,135	54	46,467	65

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued*,

		\$ cts	\$ cts.
	Brought forward.....	2,135 54	46,467 65
	<i>South-West Head Light—Concluded.</i>		
Wm. Lewis & Son.....	Iron work on derrick.....	91 44	
F. McNichol.....	Repairing lantern.....	19 25	2,316 23
	<i>Tracadie (North) Light.</i>		
Wm. Archer.....	12 months salary as Light-keeper.....	\$237 00	
Receiver-General.....	do superannuation tax.....	3 00	
		240 00	
John Ferguson.....	Paint, oil and cotton.....	46 85	
Wm. Ferguson.....	do do.....	19 16	
Wm Archer.....	Allowance for fuel.....	10 00	316 01
	<i>Tabusintac Light.</i>		
Thos. Savoy.....	12 months salary as Light-keeper.....	\$197 52	
Receiver-General.....	do superannuation tax.....	2 48	
		200 00	
Wm. Masson.....	Cotton, flannel and brooms.....	31 39	
James O. Fish.....	Horse hire.....	7 00	
G. Hevenor.....	Copper, pipe and labour.....	42 09	
Romain Savoy.....	Carting supplies.....	12 00	292 48
	<i>Wilmot's Bluff Light.</i>		
J. D. Wilmot.....	12 months salary as Light-keeper.....	80 00	
J. R. Cameron.....	Chimneys and wicks.....	1 45	
J. D. Wilmot.....	Carting oil and lantern.....	1 75	
F. A. McKenzie.....	2 barrels oil.....	30 12	113 32
	<i>Hay Island Light.</i>		
Joseph McKnight.....	12 months salary as Light-keeper.....	\$148 12	
Receiver-General.....	do superannuation tax.....	1 88	
		150 00	
Joseph McKnight.....	Carting supplies.....	14 00	
Wm. Masson.....	Cotton, flannel and burners.....	27 19	
John Morrissey.....	Horse hire.....	3 00	
J. O. & Germain Savoy..	3 years rent of land.....	20 50	214 69
	<i>Buclouche Beacon Light.</i>		
T. B. Robicheaux.....	12 months salary as Light-keeper.....	\$148 12	
Receiver-General.....	do superannuation tax.....	1 88	
		150 00	
J. B. Cameron.....	Chimneys and burners.....	22 65	
Wm. Masson.....	Cotton, flannel and brushes.....	17 52	
T. B. Robicheaux.....	Paid for painting, etc.....	54 40	
John Ferguson.....	Paint and oil.....	15 00	
F. E. W. Pouliot.....	Stove and stovepipe.....	12 80	272 37
	<i>Poquesudie Light.</i>		
Octave Hachey.....	12 months salary as Light-keeper.....	\$148 12	
Receiver-General.....	do superannuation tax.....	1 88	
		150 00	
B. Boutillier.....	1 year's rent of land.....	4 00	
	Carried forward.....	154 00	49,922 75

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward	154 00	49,922 75
	<i>Poquesudie Light—Concluded.</i>		
Octave Hachey	Building dwelling-house	170 00	
John Ferguson	Paint and oil	71 50	
	<i>Belyea's Point Light.</i>		395 50
S. B. Belyea	12 months salary as Light-keeper	80 00	
Macauley Bros. & Co.	Cotton, flannel and towels	3 75	
J. R. Cameron	Matches	0 20	
T. B. Barker & Sons	Brushes, paint and alcohol	34 74	
Nath. Belyea	Boarding painters	9 00	
R. Barbour	Painting	41 60	
W. H. Thorne & Co	Paint and oil	1 75	
"Sun" Publishing Co.	Advertising	4 00	
	<i>Bay du Vin Light.</i>		175 04
Jas. Chapman	12 months salary as Light-keeper	200 00	
Wm. Masson	Cotton, flannel and towels	43 15	
Wm. Sinclair	Boat and oars	42 62	
John Ferguson	Paint and oil	15 00	
Miramichi Foundry	Repairing hoisting gear	3 00	
Jas. Grogan	Carting oil and supplies	4 00	
	<i>Church Point Light.</i>		307 77
D. O. Maillet	12 months salary as Light-keeper	150 00	
Jas. Mitchell	Freight on supplies	4 45	
J. D. Weldon	Horse hire	10 00	
Wm. Masson	Cotton, flannel and towels	55 79	
	<i>Belledune Light.</i>		220 24
Wm. Masson	Cotton, flannel and towels	11 57	
Allan Seaward	Cutting trees	10 00	
	<i>Pointe du Chêne Light.</i>		21 57
A. McQueen	Freight on glass	0 55	
	<i>Cape Enrage Fog Alarm.</i>		0 55
W. S. Starratt	12 months salary as Keeper	\$395 00	
Receiver-General	do superannuation tax	5 00	
		400 00	
L. H. Vaughan & Bros.	Cement, iron pipe and iron	67 06	
W. S. Starratt	Lumber, building coal shed, etc.	417 25	
Lee Bros.	Bricks	91 00	
Harding & Hatheway	Cement	17 00	
Joggins Coal Mine Ass.	132 tons coal, at \$2.40	316 80	
W. H. Thorne & Co.	Valves, pipes, iron, taps and dies	187 48	
H. H. Hoar	Freight on bricks and cement	13 80	
Wm. Wood	Freight on coal	295 68	
"Sun" Publishing Co.	Advertising	7 00	
Daniel Tingley	Carting coal	133 00	
E. Willis	Advertising	11 00	
T. McAvity & Sons	Drilling flange	3 00	
J. & W. F. Harrison	Freight per steamer "Petrel"	29 75	
Robt. Tingley	10 cords wood	40 00	
			2,029 82
	Carried forward		53,073 24

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc. — *Continued.*

	Brought forward	\$	cts.	\$	cts.
				53,073	24
<i>Escuminac Fog Alarm.</i>					
Thos. Phillips	12 months salary as Keeper	\$395	00		
Receiver-General	do superannuation tax	5	00		
			400	00	
Thos. Phillips	Paid for landing coal		70	42	
do	Paid for measuring lands		2	00	
"Sun" Publishing Co	Advertising		4	00	
R. R. Call	79-634 tons coal, at \$5.45		432	26	
Geo. Watt	Lubricating oil		35	70	
Jas. Nash	10 cords wood, at \$3		35	00	
J. R. Cameron	Chimneys and wicks		3	00	
				982	88
<i>Grindstone Island Alarm.</i>					
J. R. Styles	12 months salary as Keeper	\$296	28		
Receiver-General	do superannuation tax	3	72		
			300	00	
L. H. Vaughan & Bros	Lard, oil and tacks		14	41	
Macauley Bros. & Co	Cotton and baize		6	70	
T. B. Barker & Sons	Soap, rope and brushes		43	45	
Joggins Coal Mine Ass	88 tons coal, at \$2.40		211	20	
Wm. Wood	Freight on oil, \$16.40; freight on coal, \$197		213	40	
J. R. Styles	Expenses landing coal		12	39	
John McKinley	Storing coal		5	10	
James Russell	Storing coal		5	60	
James Carnsworth	4 cords woods, at \$5.50 per cord		22	00	
R. C. Bacon	Powder, shovel and fuse		4	35	
J. B. Smith	Labour and travelling expenses		42	58	
George Smith	On account of travelling expenses		25	00	
Estay, Allwood & Co	Taps and dies		21	76	
				927	94
<i>Grand Manan Fog-Alarm.</i>					
James Tatten	12 months salary as Keeper	\$693	72		
Receiver-General	do superannuation tax	6	28		
			700	00	
L. H. Vaughan & Bros	Nails, sheet iron and rope		55	52	
Thomas W. Robinson	Top wharfage on boiler		12	20	
Thomas Stewart	Drills, leather and lead		50	20	
Macauley Bros. & Co	Cotton, flannel and towelling		88	75	
J. R. Cameron	Lamps and matches		3	40	
D. L. Hutchinson	Clock		12	50	
Estay, Allwood & Co	Washers, bolts and iron		211	32	
Wm. Kent	Freight on chimneys		8	60	
D. W. Clark	Freight on boiler, \$450; brick work, \$738		1,188	00	
E. Willis	Advertising		5	60	
Hugh Belmore	Freight on lumber		30	00	
T. B. Barker & Sons	Paint, oil and brooms		107	42	
S. G. Blizard	Lumber		59	50	
C. E. Harding & Son	do		188	07	
Wm. Lewis & Son	Placing boiler, \$1,387.59; and repairs on boiler, \$108.15		1,495	74	
Wm. M. Smith	Travelling expenses inspecting		14	60	
D. McLaughlin	Repairs to old boiler and smoke stack		1,375	18	
"Sun" Publishing Co	Advertising		38	00	
George Smith	Repairing old boiler, \$271.75; travelling expenses, \$30		301	75	
James Tatten	Boarding engineers and carpenters 104 weeks and 1½ days, at \$4 per week, \$416.93; and lumber, \$2		418	93	
Fred. Nutter	Carting		23	00	
	Carried forward		6,388	28	54,983 56

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

	Brought forward	\$ cts.	\$ cts.
	<i>Grand Manan Fog-Alarm—Concluded.</i>	6,388 28	54,983 56
Joggins Coal Mine Association	180 tons coal, at \$2.40 = \$432; on account of freight, \$12	444 00	
R. McDonald	Freight on coal	516 60	
Wm. Russell	Carting coal	49 20	
E. Gaskill	Freight on cans, kegs, etc.	14 95	
W. B. Guptill	Freight on iron boiler plates, etc	1 50	
E. Emerson	Galvanized iron pipe	9 00	
Haley Bros. & Co.	Window frames	15 75	
Henry Whelplay	Labour on staging	10 00	
G. F. Tatten	Carting boiler fittings	35 00	
E. Willis	Advertising	11 00	
George Tatten	Carting 135 tons coal, and labour	185 68	
T. McAvity & Sons	Whistle valve and flange	727 75	
W. E. Tatten	Lumber	5 90	
J. B. Smith	Labour and travelling expenses	25 00	
John Smith	Castings and labour	16 84	
C. Hevenor	Copper pipe and flanges	92 06	
Robert Bel	4 days mason work	10 00	
			8,258 51
	<i>Letete Fog-Alarm.</i>		
George Helms	12 months salary as Keeper	\$394 36	
Receiver-General	do superannuation tax	3 64	
			400 00
Sidney Dines	12 months salary as assistant engineer	150 00	
L. H. Vaughan & Bros.	Rope, iron and nails	296 57	
Macauley Bros. & Co.	Cotton, flannel and towels	33 05	
T. B. Barker & Sons	Nails, oil and paint	174 41	
H. Belmore	Freight on lumber and paint	35 00	
Thomas Stewart & Co.	Tallow, dies and rubber	41 40	
Neil A. Seelye	Boarding machinist 3 weeks, at \$3.59	21 00	
W. H. Thorne & Co.	Glass	32 00	
George Helms	Travelling expenses	53 25	
"Sun" Publishing Co.	Advertising	7 00	
Alex. Dick	Tallow	7 85	
R. McDonald	Freight on coal	195 78	
Joseph Chambers	Hauling cordwood	30 25	
A. & J. McLean	Brushes, matches and nails	4 50	
Wm. Lewis & Son	Labour and repairing boiler	509 32	
S. G. Blizard	Lumber	84 55	
R. B. Stevenson	Searching records	5 00	
J. R. Cameron	Oil cans	1 00	
			2,081 93
	<i>Head Harbours Alarm.</i>		
Neil A. Seelye	12 months salary as Keeper	300 00	
L. H. Vaughan & Bros.	Rope	325 64	
Macauley Bros. & Co.	Flannel, crash and waste	29 40	
J. B. Cameron	Chimneys	6 90	
W. H. Thorne & Co.	Files, oil and paint	27 12	
T. B. Barker & Sons	Paint and oil	36 58	
Hugh Belmore	Freight on coal	125 50	
Estey, Allwood & Co.	Valves	16 15	
Joggins Coal Mine Ass.	38 tons coal, at \$2.40	139 20	
John Boyd	Labour hoisting coal	24 00	
E. Lantum & Co.	Ship's bell	12 95	
Wm. Irvine	On account freight on coal	150 00	
Neil A. Seelye	Nails and freight	13 62	
			1,207 06
	Carried forward		66,831 06

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			66,831	06
	<i>Miscou Fog-Alarm.</i>				
Robt. Rivers.....	12 months salary as Keeper	\$296	28		
Receiver-General.....	do superannuation tax	3	71		
				300	00
R. B. Call.....	17 tons 1,090 lbs. coal, at \$5.45.....			422	62
Miramichi Foundry.....	Copper pipe and crank.....			57	00
Thos. Stewart & Co.....	Whistle and valve.....			114	70
Geo. Watt.....	Paint, oil and cement.....			64	30
Robt. Rivers.....	Freight, labour landing coal and hardwood.....			327	73
					1,286 35
	<i>Machias Seal Island Fog-Alarm.</i>				
Chas. F. Seely.....	12 months salary as Keeper			500	00
David Webster.....	Salary to 30th June, as Keeper.....			13	88
H. W. Chisholm.....	Freight and passage of engineer.....			23	00
L. H. Vaughan & Bros.....	Oars			2	80
Thos. Stewart & Co.....	Bellows, waste and wire.....			82	40
Macauley Bros. & Co.....	Cotton, flannel and towelling.....			22	50
T. B. Barker & Sons.....	Soap, alcohol and oil.....			50	25
A. J. Meloon.....	Boating.....			54	00
Emerson & Fisher.....	Stove linings.....			2	60
Chas. Webster.....	Assisting boilermakers.....			12	00
D. Webster.....	Boarding boilermakers.....			25	00
S. Huntingdon.....	Freighting supplies.....			211	00
Estey, Allwood & Co.....	85 feet boiler tubes.....			138	32
D. McLaughlan & Sons.....	Repairs to boiler.....			182	65
F. H. Wilder.....	Postage stamps			1	26
C. W. Meloon.....	Boating			102	00
"Sun" Publishing Co.....	Advertising			10	00
H. Belmore.....	Freight on wood			1'8	00
James E. Morris.....	Inspecting and travelling expenses.....			168	97
C. E. Harding & Son.....	Lumber.....			8	32
Sarah J. Drake.....	Making flag			6	00
Chas. F. Seely.....	Boarding boiler makers.....			25	75
R. Cline.....	Freight on boiler tubes, &c.....			40	00
Barbour & Staples.....	Painting alarm building and travelling expenses.....			261	45
					2,081 15
	<i>Partridge Island Fog-Alarm.</i>				
James Wilson.....	12 months salary as Keeper.....	\$395	00		
Receiver-General.....	do superannuation tax	5	00		
				400	00
Thos. Stewart & Son.....	Valves, leather and waste			121	40
Macauley Bros. & Co.....	Cotton, flannel and towels.....			23	90
J. R. Cameron.....	Chimneys and wicks.....			17	50
T. B. Barker & Sons.....	Paint, oil and soap.....			89	28
W. H. Thorne & Co.....	Paint, spikes and brushes.....			93	24
C. E. Harding & Son.....	Lumber.....			14	66
S. G. Blizard.....	do			128	97
Wm. Lewis & Son.....	Placing boiler, \$595 95; repairs to boiler, \$64 40.....			660	35
Estey, Allwood & Co.....	Olive oil, gauge glass and waste.....			23	84
Henry King.....	Boating and carting and storing coal.....			488	90
T. McAvity & Son.....	Boiler fittings, brass pipes, valves, &c.....			485	77
Jas. Wilson.....	Boarding engineer.....			111	66
E. Willis.....	Advertising.....			4	00
Geo. E. Eustis.....	Painting.....			161	55
Geo. Smith.....	8 days labour.....			24	00
"Sun" Publishing Co.....	Advertising.....			14	00
D. L. Hutchinson.....	Clock			8	50
L. H. Vaughan & Bros.....	Rope and iron			14	91
G. Hevenor.....	Copper pipe and labour.....			187	11
	Carried forward.....			3,073	54
					70,198 56

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$ c's.	\$ cts.
	Brought forward.....	3,073 54	70,198 56
	<i>Partidge Island Fog Alarm—Continued.</i>		
Joggins Coal Mine Ass.	91 tons coal, at \$2.40.....	218 40	
M. Flood & Son.....	Labour and repairs.....	46 25	
Henry Bustin.....	Painting.....	15 00	
R. McDonald.....	Freight on coal.....	203 84	
A. C. Bowes & Co.....	Stovepipe.....	3 30	
G. S. Fisher.....	Repairing roof.....	11 19	
John Smith.....	Iron bolts.....	50 50	
			3,622 02
	<i>Point Lepreaux Fog Alarm.</i>		
Wm. Gallant.....	12 months salary as Keeper.....	\$ 444 36	
Receiver-General.....	do superannuation tax.....	5 64	
		450 00	
L. H. Vaughan & Bros...	Glass and iron.....	9 36	
Macaulay Bros. & Co.....	Flannel, cotton and baize.....	68 75	
J. R. Cameron.....	Chimneys, wick and motches.....	18 35	
W. H. Thorne & Co.....	Paint, oil and soap.....	100 09	
C. E. Harding & Son...	Lumber and bricks.....	56 96	
Wm. Gallant.....	Labour and boarding engineers.....	137 52	
H. Belmore.....	Freight on coal.....	114 50	
Estey, Allwood & Co...	Furnace, bars, taps and dies.....	80 35	
F. & C. Thompson.....	Freight and carting coal.....	38 75	
T. B. Barker & Sons.....	Pain, oil.....	51 03	
H. C. Bustin.....	Painting.....	46 00	
T. McAvity & Sons.....	Ratchet drill.....	17 75	
Jas. E. Morris.....	Work as Engineer, and travelling expenses.....	172 65	
S. G. Blizard.....	Lumber.....	23 94	
B. McGowan.....	Horse hire.....	25 00	
Geo. Thomas.....	Boarding engineers.....	45 25	
Wm. Lewis & Son.....	Labour and material repairing boilers.....	332 99	
John Smith.....	21 days labour.....	52 50	
Jas. Kelly.....	12 do.....	12 00	
			1,853 74
	<i>St. Martin's Head Alarm.</i>		
T. B. Barker & Son.....	Oil, waste.....		3 15
	BUOYS AND BEACONS.		
	GENERAL ACCOUNT.		
J. R. Doody.....	Painting buoys.....	6 75	
Wm. McLeod.....	Spar buoy and placing.....	17 00	
Phillip Doody.....	Painting buoys.....	8 00	
Elkni & Hatfield.....	Oakum and lead.....	6 88	
C. E. Harding & Son.....	Lumber for buoys.....	41 30	
Henry King.....	Labour and boating for August and September.....	23 80	
John N. Payzant.....	Rent of lot storing buoys.....	9 00	
S. P. Osgood.....	Metallic paint.....	92 65	
R. Barbour.....	Painting buoys.....	123 10	
H. C. Phillips.....	Buoy stones and stone work.....	67 64	
Wm. Lewis & Son.....	Ironing barrel buoys and spar buoys.....	297 18	
Fred. Blacklock.....	10 spar buoys.....	25 00	
Geo. E. Bustin.....	Painting 1 spar buoy.....	10 00	
			728 30
	<i>Bathurst.</i>		
E. D. Chase.....	Balance contract buoy service.....		65 00
	Carried forward.....		76,470 77

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			76,470	77
	BUOYS AND BEACONS—Continued.				
	<i>Bell Buoy.</i>				
Elkni & Hatfield.....	Rope.....		14 40		
Henry King.....	Boating and amount contract lifting buoys.....		211 60		
Wm. Lewis & Son.....	Repairing buoy, and iron work.....	2,684	10		
L. H. Vaughan & Bros..	Boiler plate and rivets.....		413 52		
Jas. E. Morris.....	Labour and inspecting.....		273 00		
E. Willis.....	Advertising.....		11 25		
S. G. Blizard.....	Lumber.....		32 51		
"Sun" Publishing Co..	Advertising.....		23 00		
C. E. Harding & Son.....	Lumber.....		11 42		
E. Lantlum.....	Chain.....		30 30		
John Cotter.....	Placing buoys.....		90 00		
R. Barbour.....	Painting.....		51 50		
R. Cline.....	Service placing buoys.....		10 00		
J. Ruddock & Sons.....	Tug boat service.....		30 00		
Thos. Perrin.....	Repairing tower.....		34 10		
Thos. E. Moran.....	122 days shippage.....		37 50		
Jas. Wilson.....	Removing ice.....		4 50		
				4,262	70
	<i>Buctouche.</i>				
Jas. Keswick.....	Placing buoy.....		36 00		
John S. Dixon.....	2 spar buoys.....		6 00		
Jas. Mitchell.....	Balance of J. Keswick's account in full.....		19 00		
				61	00
	<i>Bliss Harbour.</i>				
Wm. Lewis and Son.....	Iron work.....		23 40		
H. Stinson.....	Freight, and placing buoy.....		20 00		
Hugh Belmore.....	Placing buoys.....		8 00		
				61	40
	<i>Beaver Harbour.</i>				
H. Belmore.....	Placing and lifting buoys.....		60 50		
Wm. Lewis & Son.....	Iron work.....		13 55		
				74	05
	<i>Black's Harbour</i>				
Wm. Lewis & Son.....	Iron work.....		9 90		
H. Belmore.....	Placing buoys.....		8 00		
				17	90
	<i>Caraquet.</i>				
Chas. Robbins & Co.....	Chain.....		11 35		
Geo. Watt.....	Freight on buoys.....		40 00		
Jas. Rae.....	Iron buoys and chain.....		177 00		
Louis Portier.....	Lifting and placing buoys.....		75 31		
J. & J. Millar & Co.....	5 new buoys.....		245 00		
Jas Mitchell.....	6 buoy stones.....		24 00		
R. Young.....	Lifting buoys.....		40 00		
				612	66
	<i>Cocagne.</i>				
Jas. Lucas.....	Repairing buoys.....		12 00		
John Brooks.....	Settlement in full on account of lifting buoys.....		64 80		
				76	80
	Carried forward.....			81,637	28

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		81,637 28
	BUOYS AND BEACONS—<i>Continued.</i>		
	<i>Dalhousie.</i>		
Robt. McNeil	Placing and lifting buoys.		156 66
	<i>Dorchester.</i>		
Chas. M. Anderson	Lifting and placing buoys	10 00	
L. H. Vaughn & Bros.	Chain	36 20	
Joshua King	Carting and freighting buoys	12 61	
Wm. Lewis & Son.	Shackles	6 40	
H. W. Palmer	Placing buoys	32 00	
			97 21
	<i>Dipper Harbour.</i>		
Wm. Lewis & Son.	Iron work on buoys	13 55	
H. Belmore	Placing buoys	16 00	
			29 55
	<i>Grand Lake.</i>		
Robt. McMann	Lifting and placing buoys	43 00	
Geo. A. Munroe	Placing buoys	86 72	
A. Coakley	do	43 00	
M. Y. Cox	do	33 00	
F. J. Purdy	Placing and lifting buoys	36 75	
Calvin Purdy	Lifting buoys	39 00	
			291 47
	<i>Grand Manan.</i>		
H. McLaughlin	Placing buoys		22 42
	<i>Grindstone Island.</i>		
Wm. Wood	Lifting and placing buoy		15 00
	<i>Grand Anse.</i>		
Theo Landry	Placing buoy		15 50
	<i>Harvey.</i>		
Wm. Wood	Lifting and placing buoys	120 00	
Joseph McAlmon	Painting	27 00	
			147 00
	<i>Lepreauz.</i>		
Wm. Lewis & Son	Iron work on buoys	9 90	
H. Belmore	Placing buoys	8 00	
			17 90
	<i>Miramichi.</i>		
Jas. Rae	Chain and buoy stones	82 00	
John Sadler	Chain, storage room and wharf hire	169 80	
J. & J. Miller & Co.	3 new buoys	135 00	
Wm. Fail & Wm. Martin ..	Placing and lifting buoys	420 00	
	Carried forward	806 80	82,419 99

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward	806 80	82,419 99
	BUOYS AND BEACONS—<i>Continued.</i>		
	<i>Miramichi—Concluded.</i>		
Geo. Watt	Paint and oil	27 61	
Alex. Morrison	Pine plank	4 04	
W. & J. Anslow	Printing posters	3 00	
Jas. O. Fish	Carting logs	4 00	
J. L. Stewart	Advertising	2 10	
Robt. J. Walls	Replacing and repairing buoys	137 55	
			935 10
	<i>Masquash.</i>		
Wm. Lewis & Son	Iron work on buoys	7 30	
E. Belmore	Placing buoys	40 00	
			47 30
	<i>Neguac.</i>		
Romain Savoy	Placing buoys		66 66
	<i>Old Proprietor.</i>		
B. Robinson	Boating and labour		14 75
	<i>Pokemouche.</i>		
John Maher	Placing buoys		30 00
	<i>Petit Rocker.</i>		
Hilarion Roy	New buoy, painting and placing		20 00
	<i>Port Elgin.</i>		
Fared Silliker	Placing and lifting buoy		30 00
	<i>Quaco.</i>		
Robt. Carson	Freight, and placing buoys	138 50	
Wm. Davidson	Tug boat hire	20 00	
"Sun" Publishing Co.	Advertising	4 00	
E. Willis	do	8 00	
Wm. Lewis & Son	Labour and carting	77 20	
Robt. Barbour	Painting bell buoy	12 00	
			259 70
	<i>Richibucto.</i>		
Paul Legoof	Contract for placing buoy	270 00	
Jas. A. Jardine	Lifting buoy	85 00	
			355 00
	<i>Reed's Point Lamps.</i>		
St. John Gas Light Co.	2 years gas bill		160 00
	Carried forward		84,388 50

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			84,388	50
	BUOYS AND BEACONS—<i>Continued.</i>				
	<i>Restigouche.</i>				
Joseph Doherty	Contract for placing and lifting			57	00
	<i>Shippegan.</i>				
Joseph Robicheaux	Amount of contract			75	00
	<i>Shemogue.</i>				
Jas McKay	Contract for placing and lifting buoys, 1882	80	00		
John Avaré	Placing and lifting buoys	58	00	138	00
	<i>Shediac.</i>				
Alexander McQueen	Placing buoys and spars	43	25		
S. J. B. Leard	Picking up buoys	7	00		
John McPherson	Repairs to buoy	18	50		
Edwin P. White	Making and placing 3 spar buoys	42	00	110	75
	<i>St. Andrews.</i>				
John Quinn	Placing and lifting buoys	27	75		
James Bell	do do	8	05		
J. Cummings	Removing logs	2	20		
John Balsom	Paint and oil	2	75	40	75
	<i>St. George.</i>				
L. H. Vaughan & Bros	Iron and chain	34	54		
James Dick	Painting, lifting and placing	296	28		
William Lewis & Son	Steel drills	3	30		
Thomas Savoy	Painting buoys	28	50		
James O'Brien	Iron work on buoys	33	25		
John Fisher	Placing buoys	20	50		
Colin McDiarmid	2 new buoys, and placing	48	00		
W. C. Dick	Painting and placing buoys	30	00	494	37
	<i>St. Stephen.</i>				
Charles Young	Lifting buoys			84	66
	<i>St. John River.</i>				
Morris Scovil	Painting and placing buoys	18	80		
J. S. Vanwart	do do	20	00		
N. McDonald	New buoy, and placing	14	00	52	80
	<i>Split Rock.</i>				
William Lewis & Son	Iron work	29	25		
"Sun" Publishing Co	Advertising	22	00		
C. P. Hamm	Taking care buoys 2 years	50	00		
	Carried forward	101	25	85,441	83

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, Fog-Whistles, etc., in New Brunswick, etc.—*Concluded.*

		\$ cts.	\$ cts.
	Brought forward.....	101 25	85,441 83
	BUOYS AND BEACONS— <i>Concluded.</i>		
	<i>Split Rock—Concluded.</i>		
Barbour.....	Painting.....	24 00	
H. Vaughan & Bros...	Wire rope, steel hawser, drill, serving	570 77	696 02
	<i>Tracadie.</i>		
& R. Young.....	Iron for buoys.....	4 17	
eter Ferguson...	Lifting buoys.....	83 73	
William Ferguson.....	Lifting, painting, placing and repairing buoys.....	75 50	
K. Robicheaux.....	Placing buoys.....	6 60	170 00
	<i>Tubusintac.</i>		
Jonathan Palmer.....	Amount of contract.....		65 00
	<i>Pisarinco.</i>		
William Lewis & Son....	Iron work on buoys.....	9 90	
Belmore.....	Placing buoys.....	8 00	17 90
	<i>West Isles.</i>		
Thomas K. Parker.....	Placing beacon.....	100 00	
James A. Parker.....	Cleaning, painting and placing buoys.....	18 00	
David O. Parker.....	do do.....	18 00	
James A. Calder.....	Lifting and painting buoys.....	3 00	139 00
	<i>Washademoak Lake.</i>		
William Lewis & Son	Iron for spar buoy.....	23 20	
Alexander Cole.....	Replacing buoys.....	9 00	32 30
			86,562 05
Queen's Printer.....	Printing and stationery.....		148 65
			86,710 70
	REFUND.		
Robert Young, Caraquet	Buoy service.....		40 00
	Total.....		86,670 70

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 6

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with the Maintenance of Lights in Prince Edward Island, for the Fiscal Year ended 30th June, 1884.

GENERAL ACCOUNT		\$	cts.	\$	cts.
Artemas Lord.....	12 months salary as Agent.....	\$980	00		
do	do superannuation tax	20	00		
do	Travelling expenses, paid for stamps, cheque books, freight, storage, cartage, stationery, etc.		1,000	00	
Donald McLeod.....	12 months allowance for cleaning office.....		575	92	
S. W. Crabbe.....	water tank, dust brush, shovel, poker, etc.		30	00	
John Newson.....	Repairs to furniture, notice board, etc.....		8	83	
W. E. Dawson.....	Saw, nails, etc.....		6	37	
John Gaffoe.....	Lettering door plate "Marine and Fisheries"		1	46	
Hermans & Sons.....	Drop light and fixing.....		2	25	
McKinnon & McLean.....	Repairs to letter press.....		10	50	
T. L. Chappelle.....	Express charges on cheque book, etc.....		6	00	
S. W. Crabbe.....	Costs and charges on burners, chimneys, wicks, etc		4	45	
The Imperial Oil Co.....	120 casks containing 4,997.48 galls. of oil, at 26c. per gallon.....		286	04	
Owen Connolly.....	Lumber for repairs and casks for buoys.....		1,297	58	
J. D. McLeod & Co.....	Provisions for agents visiting Light stations		41	74	
P.E.I. Railway.....	Freight on oil, stores, etc., for Lights		15	69	
Str. "M. A. Star".....	do on oil and paint from Halifax.....		39	63	
Longworth & Co.....	do on oil and stores.....		9	35	
Steam Navigation Co.....	do on lanterns, etc.....		6	00	
Capt. J. Hyde.....	do on oil and stores.....		2	64	
A. Lord.....	To pay P. H. Perry for truckage of stores to N. Cape.....		3	20	
The Union Bank.....	Draft for 10 oil tanks, \$130; pun., 33cts		8	00	
T. L. Chappelle.....	Express charges.....		130	33	
The A. A. Telegraph Co.	Account for telegraphing		4	35	
J. Schurman.....	Labour removing obstruction and for freight		27	23	
Str. "Heather Belle".....	Freight on oil and stores.....		4	00	
John Gahan.....	Rent of stores and warehouse, to 31st Dec., 1883...		3	55	
W. W. Clarke.....	Rent, oil store and wharfage.....		70	00	
Capt. G. McKay.....	Freight on oil and stores.....		100	63	
The Apothecaries Hall Co	Vials and corks for oil samples		3	32	
Abraham Daley.....	Labour at survey, Murray Harbour Lights.....		0	60	
A. Hermans & Sons.....	Galvanized iron lantern.....		2	00	
Peake Bros. & Co.....	Wharfage and oil tap		7	50	
A. McLaine.....	Truckage on oil and stores		2	15	
Capt. N. McMillan.....	Freight on oil and stores.....		6	89	
John Ball.....	Surveying sundry Lighthouse sites		1	97	
Stumbles Livery Stables.	Horse hire.....		54	75	
W. McInnis.....	Truckage of oil stores		8	60	
H. W. Mutch.....	Filling up kerosen oil casks.....		1	00	
The "Examiner" Pub- lishing Co.....	Advertising for 1883-84.....		4	00	
			11	35	
					3,799 74
<i>Block House Light.</i>					
Arch McLean.....	12 months salary as Light-keeper.....	\$335	72		
do	do superannuation tax	4	24		
do	Allowance for fuel, 1883-84.....		339	96	
			32	00	
Carried forward				371	96
					3,799 71

STATEMENT of Expenditure in connection with the Maintenance of Lights in Prince Edward Island, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward	371	96	3,799	74
	<i>Block House Light—Concluded.</i>				
Lord	On account of repairs and wages	60	00		
W. Crabbe	Nails, spikes, brushes, stovepipe, etc	53	86		
McDonaald	Balance of wages at repairs (carpenter)	27	00		
Cullen	do do do	42	00		
Madden	do do (stone mason)	17	00		
Henney	do do (foreman)	64	05		
John Gaffney	Painting station, 2 coats, outside and inside)	50	00		
Keake Bros.	Brooms, soap, flags, repairs to signal staff, etc.....	23	81		
John McLean.	Boarding workmen and truckage	59	15		
Connolly	Lumber for repairs	57	77		
J. & A. Brown & Co.	Blinds for lantern	1	35		
Hermans & Sons.	Repairs to Light gear	7	90		
del Ducette	Ladder	4	50		
				850	35
	<i>West Point Light.</i>				
John McDonald.	12 months salary as Light-keeper	\$296	24		
do	do superannuation tax	3	76		
do				300	00
John Wa'sh	Allowance for fuel, 1883-84			32	00
Lord	New lamps, labour changing burners, etc			86	30
Keake Bros. & Co.	Materials for stable			24	00
W. Crabbe	Brooms, soap, water, brushes, etc			17	50
McDonald	1 round file			0	45
	Boarding workmen and horse hire for same			10	50
				470	75
	<i>Point Prim Light.</i>				
Michael McLeod	12 months salary as Light-keeper	\$296	24		
do	do superannuation tax	3	76		
do				300	00
Mr. "Heather Belle"	Allowance for fuel			32	00
McLeod	Freight on lumber, bricks, lime, etc.			5	75
McLeod & Lewis	Boarding workmen and truckage at repairs.			132	92
Mr. "F. C. Batt"	Lumber, bricks, lime, etc., for repairs			42	00
William Stewart	Labour and freight on new lantern to Point Prim ..			20	00
Van Idustia	Account for workmen's wages (carpenters)			377	22
M. Murchison	Plastering			13	00
W. Crabbe	Painting tower, cottage and out-buildings			47	25
John Murphy	Tin work, files and lock			2	65
Keake Bros. & Co.	Cementing tower, etc			6	25
McKinnon & McLean	Brooms, waste, soap, matches, etc			19	71
	Brass screws for lantern, etc			2	88
				1,001	63
	<i>Panmure Island Light.</i>				
William McDonald	12 months salary as Light-keeper	\$296	24		
do	do superannuation tax	3	76		
do				300	00
W. Crabbe	Allowance for fuel, 1883-84			32	00
Keake Bros. & Co.	Wicks			1	00
James Bourke	Brooms, buckets, towels, soap, cotton, etc			18	21
do	Freight on stores from Georgetown (R.R.)			4	37
	Lumber to repair well-house			0	95
				356	53
	<i>North Cape Light.</i>				
Stephen H. Perry	4 months salary as Light-keeper	\$98	75		
Augustine Hackett	8 do do	197	49		
		296	24		
	Carried forward			6,479	00

STATEMENT of Expenditure in connection with the Maintenance of Lights
in Prince Edward Island, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward	296	24	6,479	00
	<i>North Cape Light—Concluded.</i>				
Receiver-General.....	12 months superannuation tax	3	76		
do	Allowance for fuel, 1883-84.....			300	00
Peake Bros. & Co.	Soap, cotton, towels, etc.....			32	00
S. W. Crabbe.....	One-half round file			29	28
Milton Walsh.....	Set of new lamps, altering burner and gear.			0	45
E. Chanteloup	Two spindles and brass wheel			69	82
Peake Bros. & Co.....	Olive oil, window cord, etc			14	60
				4	67
				450	82
	<i>Indian Point Light.</i>				
Jas. Walsh	12 months salary as Light-keeper.....	\$295	60		
do	do superannuation tax.....		36		
do	Coal and labour taking to lighthouse.....			299	96
Peake Bros. & Co.	Brooms, soap, buckets, matches, etc.....			22	00
Milton Walsh.....	Lining water tank, stove-pipes, etc.....			10	73
D. Rogers	Hinges, coal tar, etc.....			64	56
N. Milligan.....	Painting station two coats out and in.....			24	25
S. W. Crabbe.....	Oil can.....			32	00
Jas. Walsh.....	Repairs and painting boat, truckage, etc.			0	75
A. Lord.....	To pay for plans of breakwater.....			14	30
Ronald Campbell	On account of contract building breakwater			2	02
Richard Hunt.....	Special survey.....			3,650	00
				5	00
				4,125	57
	<i>Cape Bear Light.</i>				
Thomas H. Munn	12 months salary as Light-keeper.....	\$295	60		
do	do superannuation tax		36		
do	Coal, truckage, labour, repairs, 1881-82 and 1882-83			299	96
do	do and paper, 1883-84.			37	87
Peake Bros. & Co.	Brooms, cotton, waste, matches, etc.			17	95
				24	28
				380	06
	<i>Sea Cow Head Light.</i>				
M. P. O'Ronaghan.....	12 months salary as Light-keeper.....	\$246	88		
do	do superannuation tax		12		
do	Allowance for fuel for 1883-84.....			250	00
Milton Walsh.....	Repairs to roof of lantern			32	00
Peake Bros. & Co.	Brooms, towels, soap, etc			12	56
D. Rogers	Hand lamp, wick and chimneys, etc.....			20	20
M. P. O'Ronaghan.....	To pay carpenters, repairs to well, truckage, etc..			2	97
				9	25
				316	98
	<i>Fish Island Light, Malpeque Bay.</i>				
Angus J. McLellan.....	12 months salary as Light-keeper.....	\$246	88		
do	do superannuation tax		12		
do	Allowance for fuel, 1883-84			250	00
Peake Bros. & Co.	Brooms, soap, cotton, matches, etc.....			32	00
				14	93
				296	93
	<i>East Point Light</i>				
Alex. R. Beaton	12 months salary as Light-keeper.....	\$246	88		
do	do superannuation tax.....		12		
				250	00
	Carried forward.....			250	00
				12,059	36

STATEMENT of Expenditure in connection with the Maintenance of Lights in Prince Edward Island, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward	250	00	12,059	36
	<i>Eslet Point Light—Concluded.</i>				
R. Beaton.....	Allowance for fuel for 1883-84.....	32	00		
Peake Bros. & Co.	Brooms, towels, soap, etc	14	83		
				296	83
	<i>Sandy Island Light, Gasumpec Bay.</i>				
John McCabe.....	12 months salary as Light-keeper.....	\$246	88		
do	do superannuation tax.....	3	12		
			250		
do	Allowance for fuel, 1883-84.....	32	00		
W. Crabbe.....	3 mammoth collars.....	0	30		
Hilton Walsh.....	Repairs to burners and changing Lights.....	21	76		
Peake Bros. & Co.....	Brooms, buckets, towels, soap, &c.....	13	96		
George Wells.....	Brush, clay and labor moving range Lights.....	31	13		
				349	15
	<i>Wood Island Lights.</i>				
James McMillan.....	12 months salary as Light-keeper.....	\$246	88		
do	do superannuation tax.....	3	12		
			250		
do	Allowance for fuel, 1883-84.....	32	00		
Peake Bros. & Co.....	Brooms, buckets, towels, cotton, etc.....	14	50		
W. Crabbe.....	Repairs to lamp.....	3	00		
W. Taylor.....	Repairs to clock.....	1	50		
				301	00
	<i>Souris East Light.</i>				
Angus McDonald.....	12 months salary as Light-keeper.....	\$197	48		
do	do superannuation tax.....	2	56		
			200		
McBride & Doyle.....	Lumber, nails, etc., for stable.....	11	37		
Wright Bros.....	Scantling, boards, etc.....	38	63		
W. Crabbe.....	Repairs to lamp, oil and paints, etc.....	9	20		
Peake Bros. & Co.....	Brooms, buckets, matches, etc.....	12	01		
W. Crabbe.....	Invoice and charges on 6 doz. extra large chimneys.	21	50		
				292	75
	<i>St. Peter's Island Light, Hillsborough Bay.</i>				
William Hewson.....	12 months salary as Light-keeper.....	\$197	48		
do	do superannuation tax.....	2	56		
			200		
do	Cartage, coal and stores from Charlottetown.....	6	08		
W. Crabbe.....	Hand lantern, wicks and sweet oil.....	1	81		
Peake Bros. & Co.....	Brooms, soap, towels, etc.....	3	82		
John Hughes.....	2 tons coal.....	7	00		
A. Livingston.....	Lumber.....	5	00		
W. Crabbe.....	Two burners for hand lamp.....	0	40		
Peake Bros. & Co.....	Putty, brush, etc.....	0	90		
James Barclay.....	On account contract moving tower.....	175	00		
				400	05
	<i>St. Peter's Harbour Light, St. Peter's Bay.</i>				
V. W. McGraith.....	12 months salary as Light keeper.....	\$128	36		
do	do superannuation tax.....	1	64		
			130		
Peake Bros. & Co.....	Brooms, matches, cotton, towels, etc.....	9	58		
				139	58
	Carried forward.....			13,838	72

STATEMENT of Expenditure in connection with the Maintenance of Lights,
in Prince Edward Island, etc.—*Continued.*

		\$	cts.	S	cts.
	Brought forward			13,838	72
	<i>South Rustico Light.</i>				
W. H. Ford.....	12 months salary as Light-keeper.....	100	00		
J. H. Myrick.....	Moving Range Light masts.....	12	00		
J. Blanchard.....	Truckage, oil and supplies to Light.....	2	50		
S. W. Crabbe.....	Repairs to lantern and glass for Light.....	1	50		
Peake Bros. & Co.....	Soap, towels, waste, etc.....	6	65		
Joseph Campbell.....	Repairs to lantern, etc.....	2	05		
S. W. Crabbe.....	Ochre, paint, lock, brushes, etc.....	12	62		
W. H. Ford.....	Repairs to hoisting blocks, etc.....	1	70		
A. Hermons & Son.....	Repairs to lock.....	0	40		
				139	42
	<i>Little Channel Light.</i>				
William Hardy.....	12 months salary as Light-keeper.....	100	00		
Peake Bros. & Co.....	Soap, towels, matches, etc.....	15	91		
Milton Walsh.....	Repairs to lantern and lamps.....	22	25		
James Palmer.....	Painting station, truckage, etc.....	16	25		
J. W. Palmer.....	Horse hire for workmen at repairs.....	5	00		
				159	41
	<i>New London Light.</i>				
George McKenzie.....	12 months salary as Light-keeper.....	100	00		
Peake Bros. & Co.....	Brooms, towels, buckets, soap, etc.....	5	27		
				105	27
	<i>North Rustico Light.</i>				
Thomas G. Pursey.....	12 months salary as Light-keeper.....	100	00		
do.....	do allowance for fuel, 1883-84.....	20	00		
do.....	Truckage and labour on oil and stores.....	6	00		
do.....	Repairs to platform and painting station.....	17	00		
Peake Bros. & Co.....	Brooms, soap, towels, etc.....	12	83		
Poole & Lewis.....	Lumber for platform.....	5	60		
Capt. C. Marshall.....	Brush and labour for foundation.....	20	00		
Stephen McNeil.....	Contract moving Main Tower and cottage.....	150	00		
				331	43
	<i>St. Andrew's Point Light, Georgetown Harbour.</i>				
Joseph Wightman.....	12 months salary as Light-keeper.....	100	00		
do.....	Allowance for winter lights.....	25	00		
James Bourke.....	Lumber, spikes, nails, etc., for repairs.....	19	17		
Peake Bros.....	Carpenters' repairs, brooms, buckets, etc.....	72	57		
James Bourke.....	Labour, painting station, etc.....	14	00		
Peake Bros. & Co.....	Patent dryers.....	0	84		
				231	58
	<i>Grand Tracadie Light.</i>				
Michael Ready.....	12 months salary as Light-keeper.....	100	00		
Peake Bros. & Co.....	Soap, padlock, towels, coal, tar, etc.....	8	16		
Poole & Lewis.....	Cedar sills for both ranges.....	44	12		
M. Campbell.....	Contract putting under new sills.....	20	00		
M. Ready.....	Carting oil tank in and out for repairs.....	2	00		
Dodd & Roger.....	Ruby glass for ranges.....	3	60		
S. W. Crabbe.....	Repairs to oil tank.....	2	00		
				179	88
	Carried forward			14,985	71

**STATEMENT of Expenditure in connection with the Maintenance of Lights,
in Prince Edward Island, etc.—Continued.**

		\$ cts.	\$ cts.
	Brought forward		14,985 71
	<i>Summerside Wharf Light.</i>		
Charles Donahoe.....	12 months salary as Light-keeper.....	100 00	
Peake, Bros. & Co	Matches, towels, soap, etc.....	5 74	
John Newson	Blinds for lantern.....	2 80	108 54
	<i>Crapaud Harbour Light.</i>		
Percy Palmer.....	12 months salary as Light-keeper	100 00	
Peake Bros. & Co	Soap, towels, matches, etc.....	4 74	104 74
	<i>Tignish River Lights.</i>		
Isidore Gaudet.....	12 months salary as Light-keeper	100 00	
S. W. Crabbe.....	Repairs to lamp	0 75	
Capt. F. Gallant.....	Labour and material for range mast.....	11 50	
Peake Bros. & Co	Soap, towels, brooms, etc	11 31	
Isidore Gaudet.....	Repairing lantern, deck, etc.....	6 25	
Milton Walsh	Oil measures, etc	1 45	
Peake Bros. & Co.....	Lamp wicks and railway freight.....	0 61	131 87
	<i>Cardigan River Light.</i>		
Angus Morrison	9 months salary as Light-keeper	75 00	
Pius Flanigan	Clearing site and watching building.....	20 00	
Peake Bros. & Co	Brooms, towels, waste, soap, etc.....	8 09	
Jas. Burke.....	Hand lantern, measures, etc	2 79	
McKinnon & McLean	Brass thumb screw	0 50	
S. W. Crabbe.....	Galvanized iron, blank pane for lantern	2 25	108 63
	<i>Brush Wharf Light, Orwell Bay.</i>		
John McDonald.....	12 months salary as Light-keeper	80 00	
S. W. Crabbe.....	Smoke shield, tap and drip pan	4 47	84 47
	<i>Inner Range, Covehead.</i>		
Ernest McMillan	12 months salary as Light-keeper.....	60 00	
S. W. Crabbe.....	Soap, waste, matches, etc	2 17	62 17
	<i>Crapaud, Inner Range.</i>		
S. J. B. Leard	12 months salary as Light-keeper.....		60 00
	<i>Inner Range, Murray Harbour.</i>		
Jas. Penny, sen.....	12 months salary as Light-keeper.....	50 00	
Peake Bros. & Co.....	Broom, towels, cotton, waste, etc.....	5 48	55 48
	<i>Outer Range, Murray Harbour.</i>		
Abraham Daley	12 months salary as Light-keeper.....	50 00	
Peake Bros. & Co	Broom, towels, cotton, etc	2 90	52 90
	Carried forward.....		15,754 51

STATEMENT of Expenditure in connection with the Maintenance of Lights
in Prince Edward Island, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			15,754	51
	<i>Inner Range, Georgetown Harbour.</i>				
Roger Westaway.....	14 months salary as Light-keeper, at \$50.....	58	34		
S. W. Crabbe	New copper lantern, complete, etc.....	27	75		
Jas. Burke.....	Labour painting range masts and hut.....	7	48		
Peake Bros. & Co.....	Towels, broom, soap, etc.....	6	20		
				99	77
	<i>Outer Range, Covehead.</i>				
Donald McMillan.....	12 months salary as Light-keeper.....	40	00		
S. W. Crabbe.....	New lamp, waste, etc.....	3	92		
D. McMillan.....	Brush, stone and labour for range block.....	41	50		
S. W. Crabbe	Repairs to lamp.....	0	16		
Peake Bros. & Co.....	Soap, towels, iron, etc.....	10	57		
				96	15
	<i>Cape Egmont Light.</i>				
Isidore Gallant.....	Railway freight on lantern.....			15	46
	<i>Savage Harour Range.</i>				
S. W. Crabbe.....	Repairs to lanterns.....	5	00		
Joseph Egan.....	Extra work at range, per agreement.....	28	00		
				33	00
	BUOYS AND BEACONS.				
	<i>Summerside Buys.</i>				
Ronald Campbell	1 year's contract to 1st July, 1883.....	110	00		
do	do do 1884.....	110	00		
				220	00
	<i>Orwell Bay Buys.</i>				
John McDonald.....	1 year's contract to 3rd July, 1883.....			48	00
	<i>New London Buys.</i>				
D. McKenzie.....	6 months contract to 1st July, 1883.....	49	50		
do	do to 31st December, 1883.....	49	50		
do	do to 1st July, 1884.....	49	50		
				148	50
	<i>St. Peter's Bay.</i>				
J. L. Davidson.....	1 year's contract to 1st July, 1883.....			58	50
	<i>Bedeque Bay.</i>				
A. Grady.....	1 year's contract to 1st July, 1883.....	35	00		
do	do do 1884.....	35	00		
				70	00
	<i>Lower Grand River, East.</i>				
W. B. Howlett.....	1 year's contract to 1st July, 1883.....	45	00		
do	do do 1884.....	45	00		
				90	00
	Carried forward			16,683	89

STATEMENT of Expenditure in connection with the Maintenance of Lights,
in Prince Edward Island, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward.....			16,633	89
	BUOYS AND BEACONS—Continued.				
	<i>Upper Grand River, East.</i>				
W. B. Howlett.....	1 year's contract to 26th May, 1884.....			30	00
	<i>Egmont Bay.</i>				
J. A. McNeil	1 year's contract to 1st July, 1883.....	54	00		
do	do do 1884.....	54	00	108	00
	<i>Miminzash (Big).</i>				
Paul R. Costain.....	1 year's contract to 1st July, 1883.....			75	00
	<i>East River, Charlottetown.</i>				
J. J. Kelly.....	Account for repairs, painting and placing, in spring of 1883.....	61	16		
D. Small.....	Chain, mooring stone, etc	10	27		
J. J. Kelly.....	Lifting and storing, fall of 1883	44	25		
Peake Bros. & Co	Chain	4	95	120	63
	<i>Tigon River.</i>				
Jas. Mullins.....	1 year's contract. \$8; staking channel, \$5; to 30th June, 1883.....			13	00
	<i>Grand Tracadie.</i>				
Donald Campbell.....	Mooring stones and replacing drift buoy	9	00		
do	Replacing outer buoy.....	5	00		
do	Lifting and storing, fall of 1883.....	25	00		
G. H. Foster.....	Iron work for buoys.....	3	05		
Peake Bros. & Co	Chain.....	5	79		
D. Campbell.....	Repairs, painting and placing, spring of 1884.....	22	00		
Peake Bros. & Co	Chain, paint, etc	4	09	73	93
	<i>Pinnette Harbour and River.</i>				
Capt. A. Young.....	6 months contract to 1st July, 1883.....	25	00		
do	do do 31st December, 1883.....	25	00		
do	Bushing river, per agreement, 1883	5	00	55	00
	<i>Malpeque Bay.</i>				
D. S. McNutt.....	Replacing outer buoy	15	00		
do	Lifting and storing, fall of 1883.....	74	07		
McKinnon & McLean.....	Mushroom and shackles.....	13	78		
Peake Bros. & Co	Chain.....	65	45		
D. S. McNutt.....	Repairs, painting and placing, spring of 1884.....	84	66		
McKinnon & McLean.....	Mushroom and shackles	10	25		
Peake Bros. & Co	Chain	66	76	329	97
	<i>Upper Cardigan Buoys.</i>				
D. S. McLaren.....	6 months buoy contract to 1st July, 1883	47	00		
do	do do to 31st December, 1883.....	47	00		
do	do do to 1st July, 1884.....	47	00	141	00
	Carried forward.....			17,580	42

**STATEMENT of Expenditure in connection with the Maintenance of Lights
in Prince Edward Island, etc.—Continued.**

		\$, cts.	\$ cts.
	Brought forward		17,580 42
	BUOYS AND BEACONS—Continued.		
	<i>East and West Souris.</i>		
Thomas Steele.....	1 year's contract to 1st July, 1883.		26 36
	<i>North Rustico.</i>		
George McKay	Repairs, painting and placing, spring of 1883.....	46 00	
do	Lifting and storing, fall of 1883.....	27 50	
McKinnon & McLean.....	3 mushrooms and shackles.....	23 31	
Peake Bros. & Co.....	Chain.....	2 73	
			99 54
	<i>Port Hill Buoys.</i>		
W. J. Ellis.....	1 year's contract to 10th Oct., 1883....		55 00
	<i>Covehead.</i>		
James McMillan.....	Placing, lifting and storing, season, 1883	30 00	
Peake Bros. & Co.....	Chain.....	2 64	
do	do	3 06	
			35 70
	<i>Vernon River.</i>		
John Finlay.....	Bushing channel per agreement, 1883.....		20 00
	<i>Savage Harbour.</i>		
Charles McAdam.....	Buoy account, season of 1883.....	24 50	
McKinnon & McLean.....	Mushroom and shackles.....	7 76	
Peake Bros. & Co.....	Chain.....	5 17	
			37 43
	<i>Cascumpec Harbour and River.</i>		
George Wells.....	Placing drift buoys, lifting, etc., fall of 1883.....	120 66	
McKinnon & McLean.....	Mushroom and shackles.....	18 62	
Peake Bros. & Co.....	Chain.....	22 44	
George Wells.....	Repairs, painting and placing, spring of 1884	128 24	
			289 96
	<i>West Point.</i>		
William McDonald	Lifting and storing buoys, fall of 1883.....	15 00	
do	Repairs and placing buoys, spring of 1884.....	15 00	
			30 00
	<i>Little Channel.</i>		
J. W. Palmer.....	Lifting and storing buoys, fall of 1883	20 00	
do	Repairs, painting and placing, spring of 1884.....	25 00	
			45 00
	<i>Crapaud.</i>		
S. J. B. Leard.....	1 year's contract to Dec., 1883.....	49 00	
Wesley Meyers.....	Staking channel per agreement, 1883.....	5 00	
			54 00
	Carried forward.....		17,273 38

STATEMENT of Expenditure in connection with the Maintenance of Light-
in Prince Edward Island, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		18,273 38
	BUOYS AND BEACONS—<i>Continued.</i>		
	<i>Pownal Bay.</i>		
Alex. A. Moore.....	Lifting and storing, fall of 1883.....	23 00	
do	Allowance for fall account of 1883, extra.....	10 00	
do	Repairs, painting and placing, spring of 1884.....	30 78	
Peake Bros. & Co.....	Chain.....	7 81	
			71 59
	<i>Charlottetown, West and North River.</i>		
McKinnon & McLean....	Mushroom and shackles.....	17 07	
G. H. Foster.....	Iron work for buoys.....	33 10	
Peake Bros. & Co.....	Chain.....	2 04	
D. Small.....	Lifting, storing, etc., fall of 1883.....	198 25	
S. G. Lawson.....	Advertising for tenders.....	1 50	
John Gaffney.....	Lettering bell buoys.....	1 75	
			253 71
	<i>Georgetown and St. Margaret's Bay.</i>		
John Haggart.....	Lifting and storing buoys, fall of 1883.....	36 00	
do	Repairs, painting and placing, spring of 1884.....	47 48	
			83 48
	<i>Montague River.</i>		
B. N. Johnstone	12 months contract to 31st Dec., 1883.....		50 00
	<i>Rollo Bay.</i>		
Hugh Campbell.....	12 months contract to 31 Dec., 1883.....		30 00
	<i>Lower Cardigan River.</i>		
D. McDonald.....	12 months contract to 31st Dec., 1883.....		33 33
	<i>Murray Harbour.</i>		
A. P. Prowse.....	6 months contract to 7th Dec., 1883.....	65 00	
do	Balance 1 year's contract to 31st Dec., '83, less \$20.....	45 00	
			110 00
	<i>Bay Fortune.</i>		
H. M. Dingwall.....	12 months contract to 1st Oct., 1883.....		25 00
	<i>Beach Point.</i>		
C. Gaudet.....	Buoy service, season of 1883.....		16 00
			18,946 49
Queen's Printer.....	Stationery and printing.....	50 01	
Public Buildings, Char- lottetown.....	Share towards maintaining and heating.....	60 12	
			113 13
	Total.....		19,059 62

F. GOURDEAU,
Actg. Accountant.

WM. SMITH,
Deputy Minister of Marine.

APPENDIX No. 7.

To the Seventeenth Annual Report of the Department of Marine and Fisheries,
being Statement of Expenditure in connection with the Maintenance
of Lighthouses, Buoys and Beacons, etc., British Columbia, for the
Fiscal Year ended 30th June, 1884.

AGENCY, SALARIES, ETC.		\$	cts.	\$	cts.
F. Revely.....	12 months salary as Agent.....	\$1,764	00		
do	do superannuation tax.....	36	00		
do	Travelling expenses, paid postage, etc.....		1,800	00	
William Gregory.....	4½ months salary as Janitor, at \$10 00.....		32	43	
William Bickford.....	7 do as temporary Janitor, at \$10 00.....		45	00	
W. S. Wiffen.....	47½ days clerical assistance, at \$3 00.....		71	87	
Telegraph and Signal Service.....	51 days clerical assistance, at \$3 00.....		153	00	
T. Shotbolt.....	Chart case and book-shelves.....		28	75	
T. N. Hibben & Co.....	Annual subscription.....		10	00	
J. J. Sargison.....	¼ cord wood, cut and split.....		3	25	
McKillican & Anderson..	Boat hire.....		3	25	
Victoria "Standard".....					2,392 20
DeWiederhold & Co.....					
T. C. Jones.....					
MAINTENANCE AND REPAIRS TO LIGHTS.					
Race Rocks.					
Thomas Argyle.....	12 months salary as Light-keeper.....	\$1,488	00		
do	do superannuation tax.....	12	00		
E. B. Marvin.....	Fish oil, etc.....		1,500	00	
T. Shotbolt.....	Sponges, oil, etc.....		238	14	
T. N. Hibben & Co.....	Stationery.....		24	50	
A. & W. Wilson.....	Coal hod, etc., and repairs to lamp.....		2	12	
P. McQuade & Son.....	Skidegate oil.....		30	49	
Brown & White.....	Lens cover, etc.....		7	75	
A. Limberri.....	Fish oil.....		8	05	
			80	00	
					1,891 05
Fisgard.					
Henry Cogan.....	8 months and 4 dys. salary as Light-keeper.....	\$399	94		
do	do superannuation tax.....	6	92		
Joseph Dare.....	27 days as Light-keeper.....	42	60		
do	do superannuation tax.....	0	52		
E. B. Marvin.....	White lead, etc.....		43	12	
T. Shotbolt.....	Lamp wicks, etc.....		47	88	
T. N. Hibben & Co.....	Stationery.....		22	37	
Spring Vale Water Co...	Water.....		1	00	
Brown & White.....	Cleaning cloths.....		10	00	
W. G. Norris.....	Plane, hatchet, etc.....		3	00	
			8	00	
					542 23
Cape Beale.					
E. Cox.....	15 months salary as Light-keeper.....	\$1,490	00		
do	do superannuation tax.....	10	00		
C. E. Redfern.....	Repairing two clocks.....		1,500	00	
			6	50	
	Carried forward.....		1,506	50	4,825 48

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, etc., British Columbia, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward.....	1,506	50	4,825	48
	MAINTENANCE AND REPAIRS TO LIGHTS—Continued.				
	<i>Cape Beale—Concluded.</i>				
T. Shotbolt.....	Chamois skins, sponges, etc.....		45 38		
A. McInnes.....	Repairs to tramway, etc.....		16 00		
Indian "William".....	Carrying machinery, etc.....		10 00		
J. Devereux.....	Labour landing stores, etc.....		16 50		
McKillican & Anderson.....	Labour, and material building coal shed.....		107 25		
E. B. Marvin.....	Nails, white lead, etc.....		137 35		
Brown & White.....	Scrub flannel, blinds, etc.....		15 45		
W. G. Norris.....	Axe, mattock, etc.....		22 65		
W. P. Sayward.....	Lumber for coal shed.....		14 25		
A. & W. Wilson.....	Tap, and repairs to pump.....		6 50		
A. Ramsay & Sons.....	Plate glass.....		139 20		
Albion Iron Works.....	Repairs to machinery, etc.....		146 06		
C. P. N. Co.....	Freight on plate glass.....		37 50		
S. L. Kelly & Co.....	Sheet zinc, etc.....		7 00		
Matthews, Richards & Tye.....	Files, axehandles, etc.....		12 07		
H. Guilloid.....	Conveyance of letters to and from Agency....		12 50		
Aback-Soa alias Jimmey.....	do do.....		4 00		
A. Cox.....	Labour assisting keeper painting.....		23 50		
D. McPhee.....	Labour repairing water-tank, etc.....		106 75		
A. Vipond.....	Repairing lamp.....		1 50		
				2,387	91
	<i>Berens Island.</i>				
Alex. McKinnon.....	12 months salary as Light-keeper.....	\$493	00		
do.....	do superannuation tax.....	8	00		
			500 00		
Thomas Shotbolt.....	Sponge, sweet oil, etc.....		12 50		
T. N. Hibben & Co.....	Stationery.....		1 00		
John Smith.....	Cleaning chimneys.....		6 50		
McKillican & Anderson.....	Repairs to sink, and two ladders.....		15 50		
Lettice & Sears.....	Assistance painting tower, etc.....		28 00		
E. B. Marvin.....	Whitelead, oil, etc.....		53 52		
Brown & White.....	Cleaning cloths, etc.....		7 57		
P. McQuade & Son.....	Blue glass lights.....		28 00		
C. E. Redfern.....	Repairing clock.....		2 00		
A. & W. Wilson.....	do reflector.....		1 00		
				655	59
	<i>Lightship, Fraser River.</i>				
E. B. Marvin.....	Fish oil, cotton waste, etc.....		203 35		
Thomas Shotbolt.....	Novargent.....		5 00		
T. N. Hibben & Co.....	Stationery.....		2 37		
J. Middleton.....	10 months 2 days hire temporary Lightship, at \$500 per month.....		5,032 25		
Brown & White.....	Cleaning cloths.....		3 00		
P. McQuade & Son.....	Fish oil.....		12 25		
W. T. Collinson.....	do		68 40		
Albion Iron Works Co.....	Casting, etc., fog-bell.....		47 80		
Langley & Co.....	Fish oil.....		30 00		
A. & W. Wilson.....	Dismantling lantern, etc.....		19 50		
				5,423	92
	<i>Entrance Island.</i>				
Robert Gray.....	12 months salary as Light-keeper.....	\$740	00		
do.....	do superannuation tax.....	10	00		
			750 00		
McKillican & Anderson.....	Lumber for repairs to kitchen.....		7 70		
E. B. Marvin.....	Lime, paint, brushes, etc.....		33 33		
	Carried forward.....		791 03	13,292	90

STATEMENT of Expenditure in connection with the Maintenance of Light-houses, British Columbia, etc.—*Continued.*

		\$	cts.	\$	cts.
Brought forward.....		791	03	13,292	90
MAINTENANCE AND REPAIRS TO LIGHTS— <i>Continued.</i>					
<i>Entrance Island—Concluded.</i>					
Hugh George.....	Labour on repairs.....	48	00		
Brown & White.....	Blinds, etc.....	14	50		
A. & W. Wilson.....	Repairing lamp.....	10	50		
S. L. Kelly & Co.....	Tinsmith's heater.....	3	25		
Hirst Bros.....	Coal oil.....	37	50		
C. P. N. Co.....	Freight, etc., barrel of lamp glasses.....	4	77		
E. Chanteloup.....	6 dozen lamp glasses.....	21	75		
				931	30
<i>Point Atkinson.</i>					
Walter Erwin.....	12 months salary as Light-keeper.....	\$690	00		
do.....	do superannuation tax.....	10	00		
E. B. Marvin.....	Linseed oil, whitelead, etc.....	700	00		
Walter Erwin.....	Labour assisting to paint tower, etc.....	104	75		
McKillican & Anderson..	Shingles, etc.....	18	00		
Brown & White.....	Cleaning cloths and blinds.....	21	75		
W. G. Norris.....	Lock, etc.....	7	05		
Thomas Shotbolt.....	Sponge, etc.....	3	15		
C. E. Redfern.....	Clock.....	5	50		
				865	20
<i>Sand Heads.</i>					
T. Ewen.....	59 days as temporary Light-keeper, at \$3.00 per day	177	00		
J. Davis.....	do do do	177	00		
Alex. McInnes.....	Cutting stove pipe holes, etc.....	20	00		
Albion Iron Works.....	4 thumb screws.....	2	00		
T. Argyle.....	Repairs to lamps, etc.....	32	50		
T. C. Jones.....	1 boat, etc.....	72	00		
A. & W. Wilson.....	Fitting stove-piping, etc.....	116	26		
Brown & White.....	Lens cover, etc.....	18	05		
E. B. Marvin.....	Fish oil, etc.....	127	23		
				742	04
<i>Fog Whistle, Race Rocks.</i>					
W. Cotsford.....	Freight, coal.....	15	00		
E. B. Marvin.....	Cotton waste, cement, etc.....	34	00		
A. & W. Wilson.....	Repairs to pipes, etc.....	43	25		
R. Dunsmuir & Sons.....	Coal.....	49	50		
J. P. Burgess.....	Labour and material, repair to smoke stack.....	25	79		
W. Williams.....	Bricklayer.....	25	00		
M. Humber.....	Bricks, etc.....	24	50		
McKillican & Anderson..	Labour and material.....	9	05		
George Stelly.....	Cord wood.....	22	50		
				248	59
<i>Fraser River Buoys.</i>					
Joseph Spratt.....	4 days hire steamer "Maude".....	300	00		
"The Colonist".....	Advertisement <i>re</i> buoys.....	26	00		
E. B. Marvin.....	Chain, etc.....	372	95		
"The Columbian".....	Advertisement <i>re</i> buoys.....	6	40		
W. Sullivan.....	Labour on buoys.....	14	00		
J. Devereux.....	do do.....	230	00		
A. McInnes.....	Making 5 spar buoys, North-Arm.....	9	00		
W. McDowell.....	Hauling 5 spar buoys.....	6	25		
Matthews, Richards & Tye	Iron.....	1	26		
Carried forward.....		965	86	16,080	03

STATEMENT of Expenditure in connection with the Maintenance of Lighthouses, etc., British Columbia, etc.—Continued.

		\$	cts.	\$	cts.
	Brought forward.....	965	86	16,080	03
	MAINTENANCE AND REPAIRS TO LIGHTS—Concluded.				
	Fraser River Buoys—Concluded.				
Robertson.....	Swivels, bolts, etc.....	19	63		
Williams.....	Recovery of No. 6 buoy.....	30	00		
Harris.....	Labour on account buoys.....	18	00		
Easton's Saw Mill Co.....	Steamer "Maggie" laying buoys, North-Arm.....	25	00		
Daily "Standard".....	Advertisement <i>re</i> buoys.....	6	00	1,064	49
	Nanaimo Harbour Buoys.				
Bishop.....	Replacing buoys.....	17	50		
tr. "Wilson G. Hunt".....	Freight on anchors, etc.....	2	75		
B. Marvin.....	Chain, etc.....	28	95	49	20
	Victoria and Esquimalt Harbour Buoys.				
Clifford.....	Labour at buoys, etc.....	12	50		
B. Marvin.....	Chain, etc.....	60	76		
Victoria "Standard".....	Advertisement <i>re</i> buoys.....	8	40	81	66
	GENERAL ACCOUNT.				
Joseph Clark.....	Repairs to buoy barge.....	25	00		
B. Marvin.....	Coil rope, oakum tent, etc.....	119	24		
R. Hett.....	Legal advice, conveyancing, etc.....	33	85		
McInnes.....	Labour on buoy barge.....	19	00		
P. Sayward.....	Lumber to repair boats and buoys.....	46	12		
G. Walker.....	Plans, etc., for a buoy barge.....	50	00		
Devereux.....	Labour on coal.....	27	50		
Clifford.....	Labour on coal barge.....	10	50		
Munsmuir & Sons.....	63 tons coal for Lighthouses.....	283	50		
Victoria "Standard".....	Advertisement <i>re</i> buoy barge.....	23	75		
G. Norris.....	Mattock, etc.....	6	00		
& W. Wilson.....	Soldering oil tins.....	2	50		
Hudson Bay Co.....	Storage, lantern ex. "Lady Head".....	120	96		
Victoria Gas Works.....	Coal tar.....	3	75		
Matthews, Richards & Tye.....	Chesterman's tape line.....	4	75		
V. Gregory.....	Labour pumping coal barge.....	2	00		
Telegraph and Signal Service.....	Telegraph messages.....	24	50		
L. Kelly & Co.....	Stencil plate.....	2	25		
N. Hibben & Co.....	Stationery supplied to Lighthouses.....	25	37	830	54
				18,105	92
Queen's Printer.....	Stationery and printing.....			1	62
	Total.....			18,107	54

F, GOURDEAU,
Actg. Accountant.

WM. SMITH.
Deputy Minister of Marine.

STATEMENT of Expenditure in connection with the Maintenance of Light
houses, etc.—*Concluded.*

RECAPITULATION.

	\$	cts.	\$	cts.
Maintenance of Lights above Montreal.....	70,788	27		
do between Quebec and Montreal	15,946	43		
do below Quebec.....	101,302	35		
do Nova Scotia	141,907	53		
do New Brunswick	86,670	70		
do Prince Edward Island.....	19,059	62		
do British Columbia.....	18,107	54		
do Cape Race.....	1,002	19		
Buoys and Beacons—Port of Montreal.....	7,000	00		
Total.....			461,784	63

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Actg. Accountant.

APPENDIX No. 8.

to the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Construction of Lights and Fog-Whistles, etc., for the Fiscal Year ended 30th June, 1884.

		\$	cts.	\$	cts.
ABOVE MONTREAL.					
GENERAL ACCOUNT.					
G. R. Mann.....	275 days service as Draughtsman, from 1st July, 1883, to 31st March, 1884, at \$2.25 per diem.....	\$618	75		
do	91 days service as Draughtsman, from 1st April to 30th June, 1884, at \$2.50 per diem.....	227	50		
				846	25
G. Lampey.....	275 days service as Draughtsman, from 1st July, 1883, to 31st March, 1884, at \$1.75 per diem.....	\$481	25		
do	91 days service as Draughtsman, from 1st April to 30th June, 1884, at \$2.00 per diem.....	182	00		
team Gauge and Lan- tern Co.	Marine signal lamps.....			663	25
A. McLaughlin.....	Tracings of North Channel Lights, blue prints, etc.			33	50
Stevenson.....	Tracings.....			69	51
C. McLaughlin.....	Copies of Lights, blue prints, etc.....			13	00
Bank of Montreal.....	To pay draft for marine lantern.....			77	50
Canadian Pacific Ry.....	Freight on signal lamps.....			262	92
P. Anderson.....	Travelling expenses.....			4	84
A. Brown.....	Preparing plans for fog-horns.....			52	50
S. Climo.....	Photographing prints of fog-horns.....			90	00
				12	50
				2,125	77
<i>Cape Robert, Manitowaning and North Channel Lights.</i>					
Joseph Mitchell.....	Advertising for tenders.....			3	52
Jiggins & Son.....	do			3	20
Harvey & Knight.....	do			4	80
J. Bell.....	do			4	16
Denholm.....	do			4	16
Whitely & Todd.....	do			7	93
Cribs & Wesley.....	do			6	10
Garrett.....	do			4	16
"Enterprise".....	do			7	64
Receiver-General.....	To pay Indian funds for 50 acres of land.....			10	00
Ramsay & Son.....	Plate glass.....			224	40
Algoma "Pioneer".....	Advertising for tenders.....			3	70
"Herald" Printing Co.....	do			5	55
				289	32
<i>Collingwood Harbour Beacon.</i>					
"Enterprise".....	Advertising for tenders.....			3	00
R. Reed.....	Amount of contract.....			1,394	00
A. Lockerbie.....	Services inspecting.....			34	80
				1,431	80
<i>Gibraltar Point.</i>					
Grand Trunk Railway...	Freight on fog-horn.....			37	60
F. Aikins.....	Teaming apparatus.....			15	00
Neptune Fog-horn Co....	Fog-horn and freight.....			2,162	40
				2,215	00
Carried forward				6,061	89

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		6,061 89
	ABOVE MONTREAL— <i>Continued.</i>		
	<i>Gore Bay.</i>		
"Enterprise"	Advertising for tenders.....		3 70
	<i>Gravenhurst.</i>		
Hale Bros.	Advertising for tenders.....	2 10	
"Northern Advance"....	do	2 50	
R. T. Pope.....	Surveying and description of site.	18 50	
H. Castle.....	Amount of contract.....	430 95	
F. C. Denison.....	Amount of consideration money.....	50 00	
			504 05
	<i>Hope Island.</i>		
"Enterprise Messenger"	Advertising for tenders.....	3 48	
E. Garrett	do	2 90	
Hale Bros.	do	3 77	
Patterson & Watson.....	do	3 13	
E. Chanteloup.....	Lantern, lamps and apparatus	1,627 31	
A. Ramsay & Son.....	Plate glass, grinding edges, etc.....	162 99	
N. & N. W. Railway Co.	Freight on apparatus.....	60 50	
			1,864 08
	<i>Isle of Coves,</i>		
Neptune Fog-horn Co....	1 Fog-horn.....	2,118 00	
N. & N. W. Railway Co.	Freight on fog-horn.....	82 00	
			2,200 00
	<i>Loyal Island.</i>		
Meaford "Mirror"	Advertising for tenders.....	2 24	
"Union Standard"	do	2 80	
"Standard" Printing House	do	2 80	
Stratford "Weekly Herald"	do	2 80	
Bradford "Witness"	do	2 80	
			13 44
	<i>Mississauga Island.</i>		
L. C. Barney	Plate glass.....	171 63	
Dawes Bros.....	Advertising for tenders	2 48	
E. Chanteloup.....	Lantern and apparatus	1,770 37	
H. Abbott	Freight and wharfage on apparatus.....	146 62	
J. E. Askwith	On account contract.....	2,300 00	
"Northern Advance" ...	Advertising for tenders.....	3 10	
			4,394 20
	<i>Muskoka.</i>		
J. A. Macdonell	Professional services.....		20 17
	<i>Prince Arthur's Landing.</i>		
M. P. McElhinney	Travelling expenses inspecting.....		70 00
	Carried forward,		15,131 53

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc. *Continued.*

		\$ cts.	\$ cts.
	Brought forward		15,131 53
	ABOVE MONTREAL— <i>Continued.</i>		
	<i>Swampy Island.</i>		
Rowe & Co.....	Advertising for tenders.....	2 80	
Emmell & Groff.....	do	2 80	
Manitoba "Journal".....	do	2 80	
International".....	do	2 80	
Chanteloup	Lantern, blinds, etc.....	377 29	
Ramsay	Plate glass	47 00	
			435 49
	<i>Saugeen River.</i>		
Henry Harmer	On account contract.....	275 00	
Wm. Smith.....	Commission as Inspector.....	13 75	
E. Enright	Measurers.....	1 40	
			290 15
	<i>Upper Ottawa Lights.</i>		
O'Connor	Professional services re land at McQuestin's Point.	17 27	
John Watt	Bolts, hooks and eyes.....	4 00	
			21 27
	<i>Colchester Reef.</i>		
			15,878 44
Wm. P. Anderson.....	Surveying and locating light	68 80	
Lette & Wherry	Hire of yacht locating site.....	80 50	
London "Free Press"	Advertising for tenders.....	2 80	
Maple Leaf".....	do	1 96	
oderich "Star".....	do	2 80	
sex "Review".....	do	2 24	
Journal" Printing Co.....	do	2 80	
Mail" Printing Co.....	do	6 75	
Canadian" Printing Co.....	do	2 24	
S. Quin.....	Diving and locating light.....	375 30	
J. Maxwell & Co.....	Lumber	14 71	
George Bishop.....	Boating Inspector	8 00	
J. Wilson.....	On account contract.....	2,000 00	
			2,568 90
	BETWEEN QUEBEC AND MONTREAL.		
	<i>Batiscan.</i>		
Lattinville.....	Professional services		7 30
	<i>Ste. Emilie.</i>		
E. Larue.....	Professional service re Regina vs. Laliberté		136 97
	<i>St. Francis.</i>		
Wm. P. Anderson.....	Locating site.....	27 00	
& O. Navigation Co...	2 posts for lamps, and laying same at mouth of river	75 00	
			102 00
			246 27

STATEMENT of Expenditure on account of Construction of Lights and
- Fog-Whistles, etc.—*Continued.*

		\$	cts.	\$	cts.
BELOW QUEBEC.					
<i>Cape Bauld.</i>					
"Sun" Publishing Co....	Advertising for tenders.....		3 50		
J. E. Askwith.....	On account contract.....		1,000 00		1,003 50
<i>Crane Island.</i>					
L. E. Donohoe.....	Two tracings.....		8 00		
"Gazette" Printing Co.	Advertising for tenders.....		2 80		
The "Star".....	do.....		2 80		
Daily "Telegraph".....	do.....		2 80		
"Budget".....	do.....		2 80		
"Petit Journal".....	do.....		2 80		
"Nouvelliste".....	do.....		2 80		
"L'Etendard".....	do.....		2 80		
"Le Canadien".....	do.....		2 80		
"Le Cultivateur".....	do.....		2 80		
"L'Evenement".....	do.....		2 80		
"Journal of Commerce"	do.....		2 80		
"La Minerve".....	do.....		2 80		
"Post" Printing Co.....	do.....		2 80		
"Moniteur du Commerce"	do.....		2 80		
A. Coté & Cie.....	do.....		2 80		
Morning "Chronicle"....	do.....		2 80		52 80
<i>Grand River.</i>					
A. Coté & Cie.....	Advertising for tenders.....		2 60		
Daily "Telegraph".....	do.....		2 60		
"Le Canadien".....	do.....		2 60		
"Nouvelliste".....	do.....		2 60		
"Budget".....	do.....		2 60		
L. J. Demers & Frère....	do.....		2 60		
Morning "Chronicle"....	do.....		2 60		
"Courrier du Canada"....	do.....		2 60		
T. Carbery.....	Description and plan of site, etc.....		40 50		
do.....	To pay for land.....		100 00		161 30
<i>Rivière du Loup.</i>					
"Gazette des Campa- gnes".....	Advertising for tenders.....				2 24
<i>St. Peters or Flat Island.</i>					
"Gazette des Campa- gnes".....	Advertising for tenders.....		2 32		
George Bailey.....	100 feet galvanized rope.....		5 00		
L. C. Barney.....	Plate glass.....		171 63		
E. Chanteloup.....	Lantern, blinds, etc.....		952 56		
W. H. Noble.....	Erecting apparatus.....		64 65		
Stewart & Fleck.....	Castings.....		58 20		
T. E. Enright.....	Lamp, etc.....		7 25		
Stephen Bros.....	12 panes of glass.....		7 70		
H. St. A. Ormond.....	Paid freight and cartage on apparatus.....		3 75		
James Desmond.....	In full for extras on contract.....		241 00		
J. Leterreur.....	Inspecting.....		188 31		1,702 37
					2,922 21

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—Continued.

		\$	cts.	\$	cts.
NEW BRUNSWICK.					
<i>Belledune.</i>					
George Ingram.....	Erecting beacon.....		95 00		
A. Simard.....	Purchase of land.....		30 00		125 00
<i>Buctouche.</i>					
Thomas Jaillet	Inspecting.....		30 00		
Sun " Publishing Co...	Advertising for tenders.....		2 00		32 00
<i>Jemseg.</i>					
Daily "News".....	Advertising for tenders.....		2 50		
Sun " Publishing Co...	do		2 80		
Fredericton "Capitol" ..	do		2 80		
Maple Leaf".....	do		2 24		
Chatham "World".....	do		2 80		
St. Croix "Courier".....	do		2 50		
Union Advocate".....	do		8 56		
Christian Visitor".....	do		5 80		
Moncton "Times".....	do		2 80		
N.B. "Reporter" Office.	do		2 80		
Woodstock "Press".....	do		1 16		
Arnes & Co.....	do		1 68		
Maritime Farmer's "					
Office	do		2 24		
Bay Pilot".....	do		2 24		
Le Moniteur Acadien "	do		2 80		45 72
<i>Lubec Narrows.</i>					
Sun " Publishing Co...	Advertising for tenders		4 50		
N.B. "Reporter".....	do		3 00		
St. Croix "Courier".....	do		2 50		
Maple Leaf".....	do		2 40		
Woodstock "Press".....	do		1 50		
Daily News".....	do		3 75		
Religions Intelligencer"	do		1 80		
Union Advocate".....	do		3 00		
Chatham "World".....	do		3 00		
Fredericton "Capitol" ..	do		3 00		
Maritime Farmer's "					
Office	do		2 40		
Bay Pilot".....	do		2 40		
Moncton "Times".....	do		3 00		
Le Moniteur Acadien "	do		3 00		39 25
<i>Newcastle.</i>					
Chatham "World".....	Advertising for tenders.....		4 68		
A. Ramsay & Son.....	Plate glass.....		15 07		
George Mitchell.....	Amount of contract.....		130 00		149 75
<i>Palmer's Point.</i>					
G. W. Palmer.	On account of contract.....				200 00
Carried forward.....					
					591 72

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—Continued.

		\$ cts.	\$ cts.
	Brought forward.....		591 72
	NÉW BRUNSWICK—Continued.		
	<i>Pokemouche.</i>		
George Hevenor.....	Lantern, lamps, etc.....		61 18
	<i>Quaco.</i>		
"Sun" Publishing Co....	Advertising for tenders.....	4 20	
"Le Moniteur Acadien" ..	do	2 80	7 00
	<i>St. Martin's Head.</i>		
Neptune Fog-horn Co....	1 fog-horn.....	2,169 60	
Wm. Snider.....	Survey and plan of site of light.....	39 20	2,208 80
			2,868 70
	NOVA SCOTIA.		
	<i>General Account.</i>		
H. W. Johnston	Paid freight on lantern.....		44 08
	<i>Abbot's Harbour.</i>		
M. D'Entrement.....	Putting up lantern.....	10 00	
J. R. Kenney.....	Charges on apparatus.....	1 39	11 39
	<i>Advocate Harbour.</i>		
H. S. Piper.....	Advertising for tenders.....	2 16	
"Trades Journal"	do	1 25	
Hants "Journal".....	do	2 16	
Lunenburg "Progress" ..	do	1 00	
"Advocate" Publishing Co	do	4 32	
"Church Guardian"	do	5 00	
Dartmouth "Times"	do	2 16	
W. B. Alley.....	do	2 16	
Liverpool "Times"	Advertising for tenders	2 70	
"Wesleyan" Office.....	do	2 16	
J. A. Halliday.....	do	2 16	
E. Chanteloup.....	Lantern and bracket gallery.....	374 29	401 52
	<i>Beaver Island.</i>		
D. Fougere.....	Land for light.....		25 00
	<i>Cranberry Island.</i>		
W. B. Alley.....	Advertising for tenders.....	5 04	
W. H. Noble.....	Erecting lantern, etc.....	108 15	
E. Chanteloup.....	Lantern, blinds, cages, shafts, etc.....	1,102 44	
J. G. Sinclair.....	Amount of contract.....	3,690 00	4,905 63
	Carried forward.....		5,357 57

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—Continued.

		\$ cts.	\$ cts.
	Brought forward.....		5,387 57
	NOVA SCOTIA—Continued.		
	<i>Horton Bluff.</i>		
"Evening Mail".....	Advertising for tenders	2 80	
Lunenburg "Progress".....	do	1 00	3 80
	<i>Jerome Point.</i>		
"Morning Chronicle" ...	Advertising for tenders.....	48 00	
"Advocate" Publishing Co	do	44 00	
Wm. Graham.....	Services <i>in re</i> expropriation of land	10 00	
L. J. O'Toole.....	Balance of contract.....	30 00	132 00
	<i>Lennox Passage.</i>		
"Evening Mail"	Advertising for tenders.....	4 80	
McIntosh & McInnis.....	Lumber	842 00	
J. McVean	Amount of contract.....	854 86	
do	Paid carpenter's work	151 22	
do	79 days superintending work, at \$2.50 per day	197 50	2,050 38
	<i>Piper's Cove.</i>		
Lunenburg "Progress".....	Advertising for tenders.....	1 00	
"Casket"	do	3 92	
"Western Chronicle" ..	do	4 32	
"Trades Journal"	do	1 25	
Liverpool "Times".....	do	2 70	
Hants "Journal"	do	2 16	
"Presbyterian Witness" ..	do	2 16	
"Evening Mail"	do	5 40	
"Morning Herald"	do	5 40	
"The Plaindealer"	do	0 90	
Dartmouth "Times"	do	2 16	
W. B. Alley	do	2 16	
J. W. Watt.....	do	5 40	
"Colonial Standard" ..	do	5 40	
"Wesleyan" Office.....	do	2 16	
"Weekly Courier"	do	2 16	
North Sydney "Herald" ..	do	2 70	
J. A. Halliday.....	do	2 16	
"Weekly Monitor"	do	2 16	
Steam Gauge Co.....	Signal lamps	180 25	
A. Ramsay & Son.....	Plate glass.....	97 63	
E. Chanteloup.....	Lantern and bracket gallery.....	377 29	710 84
	<i>Quaker Island.</i>		
"Weekly Monitor"	Advertising for tenders.....	2 48	
Digby Publishing Co.....	do	2 48	
"Presbyterian Witness" ..	do	2 48	
"Church Guardian"	do	2 50	
"Evening Mail"	do	3 10	
"Morning Herald"	do	3 10	
"Wesleyan" Office.....	do	2 48	
E. Chanteloup.....	Lantern and apparatus	378 17	
	Carried forward	396 79	8,284 59

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—*Continued.*

		\$ cts.	\$ cts.
	Brought forward	396 79	8,284 59
	NOVA SCOTIA— <i>Continued.</i>		
	<i>Quaker Island</i> —Concluded.		
Intercolonial Railway....	Freight on lantern, etc.....	19 80	
Chance Bros.....	Lenses for anchor light, £25 £s. 6d.....	123 73	
T. O'Neil.....	Amount of contract	1,335 00	1,875 32
	<i>Sand Point.</i>		
"Neptune Fog Horn Co." 1 fog-horn			2,100 00
	<i>St. Peter's Canal.</i>		
"Morning Herald".....	Advertising for tenders.....	4 80	
D. Clough.....	To pay for land.....	25 00	
C. Forrest.....	do	25 00	
B. Sampson and J. Joice	do	50 00	
John McNeil.....	Erecting small light.....	124 64	229 44
	PRINCE EDWARD ISLAND.		12,489 35
	<i>Cape Egmont.</i>		
Artemas Lord.....	Paid for making road.....	283 00	
A. Arsenault.....	do for opening road.....	28 17	
Isidore Gallant.....	On account of contract.....	1,200 00	
P. Doyle.....	Inspecting.....	75 00	1,586 17
	<i>Cardigan.</i>		
E. J. Hodgson	Professional services.....	72 76	
R. Campbell.....	Purchase of land for site.....	125 00	
Prothonotary of the Supreme Court.....	Interest in connection with land for light.....	19 60	
George Whiteman.....	Amount of contract.....	291 00	
do	Extras on do	39 32	
P. Flannigan.....	Inspecting.....	24 75	572 43
	BRITISH COLUMBIA.		2,153 60
	<i>Active Pass.</i>		
Michael Dunn.....	Purchase of 4 acres of land, at \$12.50.....		50 00
	<i>Plumper's Pass.</i>		
"Daily Evening Post".....	Advertising for tenders.....	4 80	
"Victoria Standard".....	do	4 80	
"British Columbian".....	do	3 98	
"Mainland Guardian".....	do	4 80	
Nanaimo "Free Press".....	do	4 80	
"Inland Sentinel".....	do	3 20	26 38
	<i>Fraser River Lightship, Sand's Head, B.C.</i>		76 38
F. C. Gamble.....	Examining Fraser River	25 00	
J. Devereux.....	Labour on fog-bell.....	10 00	
T. McKay.....	On account of contract.....	9,250 00	
A. McInnis.....	Superintending.....	469 00	9,754 00

STATEMENT of Expenditure on account of Construction of Lights and Fog-Whistles, etc.—*Continued.*

RECAPITULATION.

	\$	cts.	\$	cts.
Construction of Lights above Montreal.....	15,878	44		
do between Quebec and Montreal.....	246	27		
do below Quebec.....	2,922	21		
do New Brunswick.....	2,868	70		
do Nova Scotia.....	12,489	35		
do Prince Edward Island.....	2,158	60		
do British Columbia.....	76	38		
do Colchester Reef.....	2,568	90		
do Sands Head.....	9,754	00		
Queen's Printer, stationery and printing.....			48,962	85
				85 41
			49,048	26
REFUND.				
E. J. Maxwell, lumber for Colchester Reef.....			14	71
			49,033	55

WM. SMITH,
Deputy Minister of Marine and Fisheries.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 9

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Dominion Steamers, for the Fiscal Year ended 30th June, 1884.

<i>"Napoleon III."</i>		\$ cts.	\$ cts.
E. Larochele.....	12 months salary as Captain.....	1,000 00	
do.....	Pay-list, wages of crew.....	8,137 56	
A. J. Turcotte.....	Groceries.....	899 64	
D. Langlois.....	Milk.....	56 88	
L. Marois.....	Vegetables.....	352 33	
L. Arel.....	Fresh meats.....	1,044 20	
G. Tanguay.....	Flour and salt fish.....	129 55	
Noonan & Davies.....	Beef, bread, vegetables.....	195 59	
P. Plamondon.....	Fresh fish.....	110 46	
E. Larochele.....	Paid for provisions.....	97 36	
J. B. Côté.....	Fresh pork, butter, lard, etc.....	321 85	
J. Morin.....	Milk, bread, etc.....	35 48	
C. Laflamme.....	Bread.....	224 40	
A. Fraser.....	Beef.....	18 00	
Jno. Davis.....	Provisions.....	46 75	
J. F. Eden.....	Beef.....	45 00	
J. Shea & Bro.....	Beef, salt pork, butter, etc.....	434 00	
F. Begin.....	Milk.....	7 50	
J. Huot.....	Syrup.....	5 00	
F. X. Gagnon.....	do.....	5 00	
Beaudet & Chinic.....	Paint, oil, iron, etc.....	282 17	
E. Giroux et frères.....	Medicines.....	20 15	
R. Blakiston.....	Sails.....	46 92	
J. Dunn.....	Tallow and soap.....	188 42	
G. Lamontagne.....	Clock.....	4 00	
Black & Co.....	Paint.....	79 83	
Imperial Oil Co.....	Petroleum.....	11 00	
J. L. Martineau.....	Paint.....	12 00	
Auger & Martineau.....	Screws and paint.....	82 72	
O. Simard.....	Paint, tinware, etc.....	100 06	
Audet & Robitaille.....	Rope, canvas, etc.....	219 48	
L. Leclerc.....	Safe.....	25 00	
J. B. Dutil.....	Oars.....	8 00	
B. Eden.....	Rope.....	42 25	
J. Hamel et frères.....	Quilts.....	24 83	
S. Boyce.....	Rockets.....	8 00	
S. J. Shaw & Co.....	Packing, tools, etc.....	181 25	
Renaud & Co.....	Crockery.....	38 68	
J. Hamel et frère.....	Serge.....	31 20	
C. Vézina.....	Tools.....	18 60	
Geo. Jones.....	Coffee pots.....	6 50	
G. M. Webster & Co.....	Cement.....	4 50	
C. Vézina.....	Repairing bunkers and smoke stacks.....	741 74	
T. Routier.....	Carpenters' repairs.....	361 16	
E. Mathurin.....	Repairs.....	35 60	
A. Cloutier.....	do.....	16 20	
G. T. Davis.....	Use of dock and gridiron.....	645 88	
Hy. Black.....	Castings.....	30 92	
S. Peters.....	Lumber and deck planking.....	371 09	
Carrier, Laine & Co.....	Bushes and shaft.....	798 80	
Nova Scotia Forge Co.....	Repairing anchor flue.....	86 00	
G. Lamontagne.....	do docks.....	3 00	
O. Simard.....	do kitchen utensils.....	10 75	
Bisset Bros.....	Castings.....	38 13	

Carried forward.....

17,741 38

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

		\$	cts.	\$	cts.
	Brought forward.....	17,741	38		
	" <i>Napoleon III.</i> "—Continued.				
G. T. Phillips.....	Brass and coppersmiths' repairs.....	366	04		
J. F. Arel.....	Repairing chairs.....	22	00		
J. M. Tardiff.....	Oak.....	4	90		
S. Bédard.....	Repairing lamps.....	49	20		
O. Gourdeau.....	Carpenters' repairs.....	132	00		
J. Eden.....	Rent of coal yard.....	100	00		
E. Larochelle.....	Paid for labour coaling.....	30	80		
Noonan & Davies.....	186½ tons coal, at \$2.50.....	481	25		
do	Commission.....	12	03		
D. McDonald.....	Freight on 104½ tons coal, at \$1.50.....	156	75		
Acadia Coal Co.....	459½ tons coal, at \$2.40.....	1,102	80		
D. McCarthy.....	Freight on 88 tons coal, at \$1.50.....	132	00		
G. M. Webster & Co.....	1 chaldron coal.....	7	00		
F. Lacombe.....	Labour at coal.....	11	00		
J. Robinson.....	do.....	12	00		
L. Laurent.....	do.....	9	00		
G. Bélanger.....	do.....	25	50		
J. Eden.....	do.....	19	50		
Queen's Wharf.....	Wharfage.....	200	00		
G. T. Davie.....	Towage.....	60	00		
J. Brousseau.....	Labour loading.....	12	78		
J. Couturier.....	do.....	12	50		
J. Ryan.....	do.....	6	00		
T. D. Shipman.....	Passage of crew to Halifax.....	286	75		
P. Rouillard.....	Washing.....	94	00		
J. Marmen.....	Cartage.....	33	20		
J. Rolph.....	do.....	2	41		
Acadia Coal Co.....	214½ tons of coal, at \$2.60.....	\$557	70		
do	110 tons 900 lbs. of coal, at \$2.60.....	300	04		
do	Premium.....	2	15		
		859	89		
Noonan & Davies.....	26½ tons of coal, at \$2.30, \$60.95; water, labor, &c., \$47.75.....	108	70		
J. D. McLeod & Co.....	Groceries, etc.....	113	22		
Blake Bros.....	Meat, vegetables, etc.....	220	47		
John Quirk.....	Bread, etc.....	28	96		
Mrs. Ellen Morgan.....	Washing.....	29	00		
Poole & Lewis.....	Lumber.....	6	28		
Peake Bros.....	Iron work repairs.....	8	25		
A. Dickson.....	Milk.....	13	60		
John Lowrie.....	Water.....	6	72		
S. W. Crabbe.....	Cotton waste.....	9	10		
Brennan Bros.....	Stationery.....	2	70		
P. McLellan.....	Taking charge of mails.....	5	00		
Tug "Henry Aitkin".....	Towage from wharf.....	5	00		
John Coomb.....	Cost and expenses for lever bar lost.....	35	80		
John Parker.....	Beef, mutton, etc.....	127	19		
John P. Mott & Co.....	Tallow and soap.....	32	52		
S. Cunard & Co.....	155 tons coal, at \$3.15.....	488	25		
George E. Smith & Co.....	Shipchandlery.....	438	21		
J. Hogan & Sons.....	Lumber.....	12	81		
Moir, Son & Co.....	Bread.....	54	87		
John White.....	Tinsmith's supplies.....	92	35		
J. S. Butler.....	Oars.....	6	75		
Intercolonial Railway.....	Conveyance of seamen.....	246	32		
do	Freight on plank.....	39	00		
E. Larochille.....	Trimming coal.....	8	50		
do	Board, wages.....	25	00		
do	Disbursements.....	21	00		
J. McArthur.....	Milk.....	7	35		
R. Beazley & Co.....	Fish.....	10	00		
Mayor of Halifax.....	Donation to fire brigade.....	100	00		
Hon. L. E. Baker.....	Dockage.....	12	50		
W. & J. Glendenning.....	Ice.....	30	00		
	Carried forward.....	24,328	10		

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

		\$	cts.	\$	cts.
	Brought forward	24,328	10		
	" <i>Napoleon III</i> "—Concluded.				
Acadia Coal Co.	148½ tons coal, at \$2.60.....	386	10		
Michael Devan.....	Repairs, laying decks, sawing and planing lumber.	331	00		
do	Caulking decks.....	220	00		
S. Belanger.....	Scraping and washing.....	30	00		
Octave Gourdeau.....	Carpenter's labour.....	119	00		
Michael Walsh.....	Repairs, lumber, etc.....	200	60		
Maria O'Brien.....	Washing.....	13	20		
Thomas Ead.....	Labour at coal.....	43	53		
Archille Marchand.....	Repairs.....	37	75		
Maurice Downey.....	Painting.....	135	00		
A. Ferguson.....	Labour and board.....	48	12		
J. W. Gabel.....	Repairing instruments.....	8	25		
Charles Neal.....	Stove.....	6	00		
Lordy & Stimpson.....	Provisions.....	151	98		
Theakston & Angevin.....	Shipchandlery.....	86	15		
William Whiston.....	Beef and mutton.....	110	89		
F. Meyer.....	Pork, ham, lard, &c.....	3	00		
J. A. Matheson.....	Crockeryware, etc.....	77	70		
Burns & Murray.....	Oil cloth.....	15	45		
Macdonald & Co.....	Machine's supplies.....	32	60		
				26,334	42
	<i>Steamer "Druid."</i>				
L. R. Demers.....	11 months salary as Captain.....	733	33		
do	Pay-list, wages of crew.....	5,397	09		
L. Marois.....	Vegetables.....	512	66		
D. Anderson.....	Provisions.....	24	85		
P. Plamondon.....	Fresh fish.....	177	79		
D. Langlois.....	Milk.....	118	80		
M. Dickey.....	do and fish.....	51	15		
A. J. Turcotte.....	Groceries.....	880	22		
L. Arel.....	Meats.....	1,075	60		
G. Tanguay.....	Flour, salt fish.....	51	30		
Andrews & Son.....	Fish.....	2	25		
F. Laflamme.....	Bread.....	285	60		
F. Bergin.....	Milk and cream.....	21	00		
J. Levesque.....	Butter.....	9	40		
J. B. Côté.....	Fresh pork and butter, ham, etc.....	285	10		
J. Shea & Bros.....	Pork, ham, lard, etc., etc.....	327	87		
F. X. Gagnon.....	Syrup.....	10	00		
P. Paquet.....	Sugar.....	5	70		
S. Carroll.....	Outfit.....	241	91		
J. Mullins.....	Watching.....	31	00		
J. Lachance.....	do	72	80		
C. Wagner.....	Cutting ice.....	4	00		
G. R. Renfrew & Co.....	Caps.....	20	50		
S. Peters.....	Lumber.....	49	09		
G. T. Phillips.....	Repairing engines.....	726	20		
C. Vézina.....	Iron work.....	497	36		
H. Black.....	Hawse pipe.....	38	02		
T. Routier.....	Carpenter's work.....	249	17		
T. Parent.....	Repairing barrels.....	1	90		
O. Simard.....	Tinsmith's repairs.....	33	10		
Bisset Bros.....	Repairs to engines.....	500	04		
J. F. Arel.....	Repairing chairs and cushions.....	22	50		
J. Lachance.....	Labour at repairs.....	40	00		
W. Conners.....	do	8	80		
M. E. Fitzhenry.....	Mending flags.....	12	90		
George Lessard.....	Labour.....	23	20		
P. Rouillard.....	Repairing mattress.....	10	00		
C. Grenier.....	Labour.....	5	00		
J. F. O'Brien.....	Dying curtains.....	23	95		
	Carried forward	12,581	15		

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

		\$	cts.	\$	cts.
	Brought forward	12,581	15		
	<i>Steamer "Druid."—Concluded.</i>				
D. Landry.....	Labour		20 00		
J. Couturier.....	do		12 00		
J. Hamel et frères.....	Bedding		127 41		
Beaudet & Chinic.....	Paint, iron, etc		333 24		
E. Giroux et frère.....	Medicines		46 37		
R. Blakiston.....	Sails		120 93		
J. Dunn.....	Tallow		149 54		
Audet & Robitaille.....	Rope, canvas, etc.....		299 46		
O. Simard.....	Paint, kitchen utensils, etc.....		189 36		
Black & Co.....	do		79 83		
Imperial Oil Co.....	Petroleum		11 25		
Auger & Martineau.....	Screws and bolts		70 54		
P. P. Pouliot.....	Boat		95 00		
Dawson & Co.....	Books.....		3 80		
C. Vézina.....	Rope		41 95		
A. McCallum.....	Compass		21 00		
S. J. Shaw & Co.....	Packing, paint, etc.....		185 62		
C. Peverley.....	Oil stove		6 00		
G. Jones.....	Coffee pots.....		6 50		
Webster & Co.....	Cement		6 25		
George Bacon.....	Telescope		20 00		
Dinning & Co.....	Brass cock.....		20 00		
Renaud & Co.....	Crockery.....		20 12		
J. M. Tardif.....	Oak		4 20		
J. Marmen.....	cord wood.....		1 40		
O. L. Richardson & Sons.	Leather		5 60		
P. Rouillard.....	Washing.....		150 00		
Queen's Wharf.....	Wharfage.....		300 00		
J. Marmen.....	Cartage		62 60		
J. Baile.....	Moorage		6 00		
Mrs. Lachance.....	Washing		2 40		
M. E. Fitzhenry.....	do		11 70		
L. R. Demers.....	Paid for pilotage.....		10 00		
J. E. Lebourdais.....	Reporting steamers.....		6 50		
Dr. Marsden.....	Professional services.....		10 00		
A. Brisson.....	Washing		15 00		
M. Dickey.....	Labour cleaning up.....		13 00		
T. Berrigan.....	Clearing snow.....		40 00		
M. E. Fitzhenry.....	Hemming towels and washing.....		8 95		
G. Dufresne.....	Pilotage		65 00		
W. Power.....	Labour		26 20		
J. Eden.....	Rent of coal yard.....		100 00		
Geo. Heighton.....	Freight on 92 tons coal, at \$1.50.....		138 00		
A. Boulet.....	do 77 do 1.90		146 30		
Noonan & Davies.....	246 tons coal, at \$2.50		615 00		
do	Commission		15 37		
A. Boulet.....	Freight on 77 tons coal, at \$2.00.....		151 00		
G. M. Webster & Co.....	35 tons coal, at \$6.00.....		210 00		
J. Baile.....	4 chaldrons coal, at \$7.75		31 00		
P. Rouillard.....	Coaling		10 00		
P. Nolet.....	do		3 40		
J. Fortin.....	do		5 77		
				16,634	71
	<i>Steamer "La Canadienne."</i>				
W. Wakeham.....	Pay-list, wages of crew.....		7,424 51		
G. Tanguay.....	Flour, fish, etc.....		89 21		
F. Bergin.....	Milk		3 85		
A. J. Turcotte.....	Groceries		1,495 44		
Noonan & Davies.....	Provisions.....		129 98		
F. Lafamme.....	Bread		153 60		
J. Davies.....	Provisions.....		566 89		
	Carried forward		9,863 48		

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

		\$	cts.	\$	cts.
	Brought forward	9,863	48		
	<i>Steamer "La Canadienne."—Continued.</i>				
W. Wakeham.....	Paid for provisions.....	206	36		
P. Plamondon et frère...	Fresh fish.....	111	52		
L. Arel.....	do meat.....	199	20		
L. Marois.....	Vegetables.....	268	55		
J. Shea & Bros.....	Pork, mutton and lard.....	451	43		
D. Langlois.....	Milk.....	41	16		
J. B. Côté.....	Pork.....	259	90		
F. X. Gagnon.....	Syrup.....	10	00		
W. Wakeham.....	Board.....	60	00		
L. Bolduc.....	do.....	8	00		
J. Smith.....	Beef.....	283	31		
E. Many.....	Board.....	16	00		
P. Rouillard.....	Washing.....	45	00		
J. Marmen.....	Cartage.....	60	50		
T. Berrigan.....	Cleaning snow.....	40	00		
North Shore Railway Co.	Moorage.....	6	00		
W. Wakeham.....	Petty expenses, and provisions.....	493	10		
Corporation of Pilots.....	Pilotage.....	74	64		
J. Bourbeau.....	Ferriage of crew.....	4	00		
J. Brisson.....	Washing.....	14	25		
J. Descroiselle.....	Watching.....	117	60		
G. Lessard.....	Labour at snow.....	36	80		
E. Many.....	Outfit to engines.....	203	25		
F. Lanaham.....	do.....	28	75		
D. Lecours.....	do.....	16	00		
M. Coulombe.....	Ferriage.....	2	35		
G. R. Renfrew & Co.....	Caps.....	35	00		
P. Rouillard.....	Mending uniforms.....	13	00		
T. Matte.....	Oil clothing.....	70	00		
E. Chanteloup.....	Buttons.....	9	00		
J. Eden.....	Rent of coal yard.....	200	00		
Queen's Wharf.....	Moorage.....	300	00		
J. Hamel et frères.....	Blankets, carpets, bedding.....	220	55		
Beaudet & Chénic.....	Paint, oils, iron, etc.....	558	69		
Carrier, Laine & Co.....	Screw.....	223	57		
E. Giroux et frères.....	Medicines.....	52	35		
R. Blakiston.....	Sails.....	241	23		
Audet & Robitaille.....	Rope, canvas, etc.....	460	13		
G. Lamontagne.....	Clocks.....	7	50		
Black & Co.....	Paint.....	79	83		
J. Dunn.....	Soap.....	56	10		
Imperial Oil Co.....	Petroleum.....	11	00		
Auger & Martineau.....	Screws, nails, etc.....	67	57		
O. Simard.....	Paint, kitchen utensils, etc.....	171	19		
J. Sullivan.....	Anchor light.....	16	00		
Dawson & Co.....	Log book, etc.....	4	85		
Whitehead & Turner.....	Tube brushes.....	5	00		
F. Derouin.....	Blocks.....	4	00		
T. Parent.....	Boilers.....	3	20		
O. L. Richardson.....	Leather.....	4	80		
Doyle & Demers.....	Knives, forks, spoons, etc.....	46	00		
N. Turcott.....	Rockets.....	19	00		
Renaud & Co.....	Crockery.....	43	00		
S. Bédard.....	Galvanized buckets.....	8	30		
G. Jones.....	Coffee pots.....	6	50		
G. Glassford.....	Fire extinguishers.....	81	80		
T. Norris.....	Lamp.....	3	05		
G. M. Webster & Co.....	Cement.....	6	00		
F. Gunn.....	Rope, canvas, etc.....	342	52		
P. P. Pouliot.....	Oars.....	33	00		
S. J. Shaw & Co.....	Steam gauges, valves, etc.....	137	45		
J. A. Pelletier.....	Lime.....	1	50		
D. Landry.....	Labour.....	3	00		
	Carried forward	16,470	83		

STATEMENT of Expenditure on account of Dominion Steamers, etc. *Con.*

		\$ cts.	\$ cts.
	Brought forward	16,470 83	
	<i>Steamer "La Canadienne."—Concluded.</i>		
Cheverie	Freight on 49½ tons coal, at \$2.00.....	99 00	
Boulet	do 77 do 2.00.....	154 00	
Poirier	do 82½ do 1.50.....	123 75	
Land & Co.....	1 chaldron coal.....	6 00	
Baile	6 do at \$7.50.....	\$45 00	
do	Cartage.....	1 50	
		46 50	
Chabot	1 chaldron coal.....	7 00	
Donan & Davies.....	126½ tons coal, at \$2.50.....	907 50	
do	Commission	30 35	
Peters	Lumber	52 56	
Vézina	Iron work.....	244 20	
Routier	Carpenter's repairs.....	408 29	
Leonard	Painting	47 20	
Black	Castings	24 34	
Donan & Davies.....	Repairs	148 94	
Simard	Repairing side lights.....	14 30	
McCallum	do chronometer.....	12 50	
anning & Co.....	Punching	4 40	
Whitty	do	14 50	
M. McDonald.....	Painting	169 98	
E. Fitzhenry.....	Mending flags.....	9 00	
Dechene	Repairs	19 50	
T. Davie	Docking, etc.....	141 40	
T. Phillips	Repairs to engines.....	569 62	
asset Bros	do machinery.....	109 87	
Fradette & Co.....	do "Alliance".....	100 00	
			19,935 53
	<i>Steamer "Newfield."</i>		
ordly & Stimpson.....	Provisions	3,305 67	
ohn P. Mott & Co.....	Tallow, soap, lime.....	52 63	
& W. Mackinlay.....	Stationery	27 30	
aria O'Brien.....	Washing	58 10	
E. Creighton & Co....	307½ gallons oil, at 25 cts. per gal., truckages, 96...	77 84	
richibald & Co.....	78 tons coal, at \$1.75.....	136 50	
do	Trimming 78 tons coal.....	11 70	
ohn Flemming & Co....	Oars.....	9 00	
arns & Murray.....	Table linen, bedding, etc.....	105 05	
oseph Davis.....	Repairing locks.....	2 50	
ohn Parker	Beef, mutton, etc.....	537 46	
M. Arthur.....	Water	30 00	
A. Cook	Pilotage.....	58 00	
cadia Coal Co.....	454 tons coal, at \$2.40.....	1,089 60	
do	229 do 3.30.....	755 70	
do	103 do 3.10.....	319 30	
ichael Walsh.....	Carpenter's work, repairs	245 26	
Stairs, Son & Morrow.	Shipchandlery.....	227 76	
red. Meyers.....	Provisions	576 89	
Beazley & Co.....	Fresh fish.....	71 81	
ohn Black & Co.....	Disbursements in London.....	2,269 87	
Meagher	Provisions	247 63	
Fraser	Trimming coal.....	22 94	
fred Vail	Provisions	111 16	
ohn McLuckie.....	Labour coaling.....	34 53	
ustin Bros.....	Valvaline.....	77 13	
E. Smith & Co.....	Shipchandlery.....	577 36	
reakston & Augwin.....	do	704 69	
Mumford & Sons.....	Grapnels.....	50 40	
Lewis & Son	Anchor and chain.....	197 25	
Symonds & Co.....	Repairs and supplies.....	157 09	
Abbott	Blocks and sheaves.....	12 50	
	Carried forward	12,160 62	

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

		\$	cts.	\$	cts.
	Brought forward	12,160	62		
	<i>Steamer "Newfield."—Concluded.</i>				
R. A. Guildford.....	Disbursements.....	295	39		
Thomas Ead	Wheeling, shovelling, and trimming coal.....	261	56		
Silas Townsend.....	Chains and anchors.....	362	02		
W. C. Godsoe & Co.	Provisions	89	91		
Macdonald & Co.....	Repairing machinery, machinist's supplies, etc.....	1,213	43		
Tully & Barrington.....	Provisions.....	166	96		
Simon Peters.....	Deck plank.....	118	29		
John White.....	Tinsmith's supplies, repair'g stoves, stove pipes, etc.	89	95		
J. P. Butler.....	Spars and oars.....	81	19		
James Matheson.....	Crockeryware.....	32	02		
do	Divers examining bottom.....	50	00		
J. Hogan & Sons.....	Timber and lumber.....	74	24		
Noonan & Davies.....	Freight and lumber on deck plank.....	22	00		
F. Forhan & Co.....	Repairing sails.....	180	49		
Maurice Downey.....	Painting.....	33	65		
Charles Neal.....	Wharfage chains.....	2	56		
J. Overy.....	Cartage on chain cables.....	20	00		
W. & J. Glendinning.....	Ice.....	26	00		
Moir, Son & Co.....	Bread.....	119	63		
John Findlay.....	Building, and repairing boats.....	119	00		
R. H. Cogswell.....	Lock, repairing instruments, rating chromometer.	19	75		
Mary Andrews.....	Cleaning mess room.....	4	00		
J. G. Mackie.....	Condensed milk.....	18	00		
John Patterson.....	Repairing boiler.....	81	36		
William Whiston.....	Provisions.....	276	90		
James Gray.....	Burial expenses, J. Bowes.....	50	00		
Dr. J. Somers.....	Medical attendance on crew.....	101	00		
John Cawsey.....	Building galley floor.....	30	82		
N. R. Gordon.....	Medicines.....	12	55		
Meagher & Doherty.....	Provisions	87	89		
Creighton & Marshall.....	Chart.....	1	40		
Gordon & Keeth.....	Floor cloth.....	10	63		
S. Cunard & Co.	Freight on winch.....	28	07		
Chebucto Marine R. R. Co.	Slip hire.....	325	15		
R. A. Guildford.....	12 months salary as Captain.....	1,400	00		
H. W. Johnston.....	do wages of officers and crew.....	7,660	17		
				25,726	60
	<i>Steamer "Northern Light."</i>				
Captain Finlayson.....	12 months salary as captain.....	960	00		
do	do pay list of crew.....	5,947	90		
Noonan & Davis.....	Repairs to boiler, etc.....	1,591	34		
The Acadia Coal Co.....	470 ¹⁸⁸⁰ tons coal at \$2.50.....	\$1,176	88		
do	481 ⁵⁶⁰ ₂₂₄₀ do 2.60.....	1,251	25		
		2,428	13		
	Less discount, etc.....	42	28		
		2,385	85		
James Burke.....	Provisions and groceries at Georgetown.....	2,456	68		
S. W. Crabb.....	Oils, waste, files, rubber packing, etc.....	1,161	03		
Blake Bros.....	Meat, etc.....	940	38		
A. P. Hobbs.....	do and milk.....	734	79		
Peake Bros. & Co.....	Materials, labour, etc., at repairs.....	544	06		
do	Green heart plank.....	79	58		
Jas. Burke.....	Freight and expense storing 297 tons coal.....	319	45		
McKinnon & McLean.....	Materials and labour at boilers, etc.....	334	34		
Artemas Lord.....	To pay part crew discharged Feb., 1883.....	224	00		
J. D. McLeod & Co.....	Provisions and groceries at Charlottetown.....	189	14		
Wise Bros.....	Caulking.....	161	25		
James Purcell.....	Caulking.....	30	75		
R. R. Jenkins.....	Bread.....	105	37		
J. G. Hamilton.....	do groceries, etc., at Pictou.....	103	42		
John Newson.....	Upholstering cabins, mattresses, etc.....	100	40		
	Carried forward	18,369	73		

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

	Brought forward	\$ cts. 18,369 73	\$ cts.
<i>Steamer "Northern Light."—Concluded.</i>			
John Gaffney.....	Contract painting, \$100; glazing, \$6.....	106 00	
John Quirk.....	Biscuits, etc.....	88 82	
rs. J. McMillan.....	Boarding Chief Engineer, 21 weeks, at \$4	84 00	
rs. A. Wood & Co.....	Mineral seal oil, burners, wicks and chimneys.....	100 84	
arris Allen.....	Zinc plates for boilers.....	57 25	
Lord.....	To pay labour.....	4 00	
Cary.....	Milk.....	7 92	
Bolger.....	Boarding seaman.....	1 10	
Ducette.....	Ladders.....	4 00	
rs. & A. Brown & Co.....	Oilcloth, carpets, blankets, quilts, etc.....	86 10	
ennan Bros.....	Stationery for Purser.....	9 32	
ngus McKinnon.....	Celery.....	4 20	
Examiner" Pub. Co.....	Advertising, printing manifests, etc.....	56 00	
he Apothecaries Hall.....	Filling medicine chest.....	12 50	
William Allen.....	Attending lines.....	16 00	
W. Taylor.....	2 clocks.....	13 50	
Hermans & Son.....	Repairing locks and keys.....	5 45	
J. Davis.....	Boarding Capt. Finlayson.....	25 00	
rs. A. McDonald & Co.....	Goods short delivered in Jan., 1882.....	6 21	
rs. Ellen Morgan.....	Washing clothes.....	18 87	
Stephen Carroll.....	Boarding crew.....	10 50	
eaigher & Dogherty.....	Meat and vegetables at Pictou.....	50 99	
Charles Owen.....	1 years rent coal shed to 20th Sept., 1883.....	75 00	
rs. McGilvray.....	Washing clothes.....	4 44	
H. Myrick.....	Hire of ice plough.....	7 50	
W. Mutch.....	On account of wages.....	10 00	
reakston & Angwin.....	Flags.....	20 60	
Lord.....	Expenses crew taking steamer to Pictou.....	39 25	
do.....	To pay Collings & Purcell labour.....	19 50	
eter McCary.....	Labour as fireman.....	17 50	
eam Navigation Co.....	Passages and meals for crew, etc.....	27 00	
m. Boats.....	Labour.....	2 00	
apt. A. Finlayson.....	Expenses crew taking ship from Pictou.....	43 00	
E. I. Railway.....	Lumber, freight, lanterns.....	37 24	
ank Nova Scotia.....	Draft for repairs to compass.....	13 70	
ster McCrudden.....	Milk, vegetables, washing, etc.....	7 78	
mes Puncheon.....	Repairing furnace bridges.....	3 75	
R. Berke.....	Horse hire for cook.....	2 00	
Walsh.....	Advertising.....	3 00	
G. Dawson & Co.....	Cash box, chloride lime, etc.....	4 31	
Leard.....	Advertising.....	3 25	
Connolly.....	Soap.....	5 04	
H. Foster.....	Iron work repairs.....	24 14	
iss M. Schurman.....	12 days wages as Stewardess.....	4 02	
rroll Bros.....	Freight and expenses on kerosene oil.....	9 04	
hn Lowrie.....	Water.....	11 52	
enry Law.....	Butter.....	7 14	
			19,540 02
<i>Steamer "Sir James Douglas."</i>			
hn Devereux.....	12 months salary as Captain.....	1,400 00	
do.....	do wages of officers and crew.....	5,401 00	
do.....	Paid for provisions, labour at repairs, etc.	329 67	
F. Grant.....	Allowance for board.....	157 00	
he "Daily Standard"	Advertising for tenders for provisions.....	12 55	
B. Marvin.....	Mainsail, jib, spikes, whitelead, etc.....	1,619 34	
ll & Co.....	Groceries.....	1,266 46	
odacre & Dooley.....	Meat.....	1,214 42	
Chiners.....	80 gallons oil, at 45c.....	36 00	
E. Redfern.....	Repairing clocks, etc.....	10 00	
ark & Nicholson.....	Tinware.....	12 75	
Shotbolt.....	Concentrated lye.....	6 67	
Carried forward		11,465 86	

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

		\$ cts.	\$ cts
	Brought forward	11,465 86	
	<i>Steamer "Sir James Douglas"—Concluded.</i>		
T. N. Hibben & Co.....	Stationery	17 37	
Joseph Gosnell	Milk	8 08	
C. O. Fox	do	52 50	
R. Dunsmuir & Sons	396½ tons coal, at \$4.50.....	1,785 37	
A. McInnes	Fitting copper on door sills, etc.....	32 00	
W. B. Townsend.....	Meat	77 41	
James Aikenhead	do	7 84	
John Weiler	Linoleum, mattresses, etc.....	103 75	
James Harvey	Tea	4 12	
Brown & White.....	Blankets, sheets, etc.	33 25	
T. Russell	Water	18 00	
A. Vipond.....	Repairs to locks	4 00	
P. McQuade & Son.....	Patent lubricator, etc.....	136 01	
Chong Kee	Washing	19 87	
Matthews, Richards & Tye	Coffee mill, files, bar iron, etc.....	22 55	
Edgar Marvin	Locks, etc.	19 91	
Thos. Carrington	Crockery	9 00	
S. L. Kelly & Co.....	Stovepipes, etc.....	50 62	
J. J. Wilson	Bread	72 00	
O. Warner.....	Labour at repairs	15 00	
J. Dorman.....	Hire of hawsing irons.....	8 00	
H. Farrall.....	Spars for staging	17 50	
McKillican & Anderson..	Fitting up saloon, cabins, etc.....	661 27	
Smith & Clark.....	Material and labour on deck house.....	602 82	
Littice & Sears	Painting and glazing.....	33 00	
C. Hayward	Lumber	22 61	
Albion Iron Works Co...	Repairing machinery	332 65	
H. Short	Pistol and cartridges	27 50	
A. & W. Wilson	Tinware and repairs	341 86	
W. P. Sayward	Lumber, etc.	295 94	
J. Robertson.....	Blacksmith work	84 55	
S. L. Kelly & Co.	Blow-off pipe, etc.....	29 87	
Stewart & Braden.....	Basins	20 00	
	LESS REFUND—Transfer of telegraph lines, board of Chief Engineer and party, etc.....		16,432 08
			320 25
			16,111 83
	<i>Steamer to replace "Glendon."</i>		
Rankin & Blackmore.....	Amount of contract for boilers and engines, £4,500.	21,900 00	
do	For spare gear, one short propeller shaft, coupling, bolts and nuts, £284.	1,382 13	
William Wallace.....	For preparing specifications and superintending the construction of engines and boilers, £105.	511 00	
John Black & Co.....	Patent steam combination windlass, £359 2s. 1d. ..	1,747 64	
J. O'Brien.....	On account contract for building new steamer	29,000 00	
S. Cunard & Co.....	Freight on windlass	39 12	
Charles Neal.....	Labour on chains, anchors, etc.....	20 84	
D. M. Browne.....	Travelling expenses.....	50 00	
J. U. Gregory	Paid for winch	150 00	
David Morris	Services in connection with wrecked steamer "Princess Louise"	106 00	
Lordly & Simpson	Groceries	55 22	
John Parker.....	Beef	11 24	
John Ross	For salvage of goods ex	125 00	
W. E. Ellis.....	For recovering bodies of seamen lost on do	20 00	
James A. Hughes.....	Burial expenses	389 27	
E. B. Eldukin.....	do	14 80	
Corbett & Johnson.....	do	12 00	
G. H. Chapman.....	do	24 00	
James Hillis.....	Stove and fittings	12 15	
	Carried forward	55,570 41	

STATEMENT of Expenditure on account of Dominion Steamers, etc.—*Con.*

		\$	cts.	\$	cts.
	Brought forward	55,570	41		
	<i>Steamer to replace "Glendon."—Concluded.</i>				
Richard Soy.....	Services in <i>re</i> wrecked steamer.....	25	00		
Joseph Geddes.....	Model of steamer.....	50	00		
'Union Advocate'.....	Advertising for tenders for new steamer.....	6	00		
Digby Publishing Co.....	do do.....	5	20		
W. Watt.....	do do.....	7	00		
J. Demers et frère.....	do do.....	34	00		
'The Shareholder'.....	do do.....	8	50		
'Morning Chronicle'.....	do do.....	35	04		
'Sun' Publishing Co ...	do do.....	18	90		
'Daily News'.....	do do.....	12	75		
Joncton "Times".....	do do.....	8	97		
Thos. Forhan.....	Sails.....	271	80		
E. Butler.....	Spars and fittings.....	76	84		
Vallace Graham.....	Services in <i>re</i> wrecked steamer.....	34	30		
				56,164	71

RECAPITULATION.

	\$	cts.	\$	cts.
Steamer "Napoleon III.".....	26,384	42		
do "Druid".....	16,634	71		
do "La Canadienne".....	19,935	53		
do "Newfield".....	25,726	60		
do "Northern Light".....	19,539	52		
do "Sir James Douglas".....	16,111	83		
do to replace "Glendon".....	56,164	71		
Refunds—			180,497	32
Sale of coal at Gaspé.....	\$101	66		
do Cape Traverse.....	415	00		
			516	66
Total.....			179,980	66

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 10

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with Examination of Masters and Mates, for the Fiscal Year ended 30th June, 1884

		\$	cts.	\$	cts.
Capt. P. A. Scott.	11 months salary as Chairman of Board.	\$1,796	63		
do	do superannuation tax.....	30	00		
				1,826	63
John Taylor.....	8 months salary as Clerk, from 1st Nov., 1883	\$319	40		
do	do superannuation tax.....	6	51		
				325	91
Capt. P. A. Scott.	Travelling expenses.....	741	36		
do	Paid water tax	4	95		
R. Ray	Services as Clerk to 3rd May, 1884.....	33	33		
Yarmouth Building Co...	12 months rent of Board room	40	00		
Wm. Thomas	Examination fees	120	00		
James Pritchard	do	120	00		
G. A. Mackenzie.....	do	64	00		
David Hunter	do	72	00		
Thomas Killam	do	106	00		
Henry Lewis	do	84	00		
A. J. Wolf	do	12	00		
J. E. Hunt	do	12	00		
C. M. Lorway	do	16	00		
S. J. Brookman	do	16	00		
M. P. McElhinney.....	Travelling expenses	166	14		
Thomas Killam	do	53	20		
W. S. Seaton	do	75	50		
George Cox	Engraving and lithographing certificates	748	23		
A. Christie & Co.....	Putting on winter sashes.....	18	10		
Creighton & Marshall...	Stationery, chart, etc.....	29	02		
A. & W. Mackinlay	do	3	17		
George E. Morton	Stamps, etc.....	36	25		
Alfred Mills	Chart.....	6	00		
Hull "Despatch"	Advertising notices re examinations.....	2	90		
E. Divine & Co.....	do	2	90		
"Citizen Printing Co....	do	2	10		
"Mail"	do	13	05		
"Daily Evening Post" ..	do	64	80		
W. J. Cuzner	do	3	10		
"Monde"	do	3	10		
W. T. Haldane & Co.....	do	7	30		
Canadian Printing Co....	do	2	32		
P. L. Tousignant	do	2	10		
"Alpha"	do	2	10		
"Live Stock Journal" ..	do	2	90		
R. Herwing	do	2	32		
"National Newspaper" ..	do	5	80		
E. Bryson	do	4	16		
Morrisburg "Courier" ..	do	3	99		
"The Watchman"	do	3	10		
"The Observer"	do	2	48		
"Messenger de Nicolet" ..	do	3	10		
Sherbrooke "Gazette" ..	do	2	50		
"Standard Journal"	do	3	10		
"Journal de Commerce" ..	do	3	10		
"Journal de Trois Ri- vières"	do	3	10		
	Carried forward.....	4,875	21		

STATEMENT of Expenditure in connection with Examination of Masters and Mates, etc — *Continued.*

			\$	cts.	\$	cts.
		Brought forward.....	4,875	21		
		Advertising notices <i>re</i> examinations.....		3 10		
The Pilot"				2 50		
Advocate" Publishing Co."	do	do		5 50		
L'Etendard"	do	do		2 90		
Radford "Witness"	do	do		9 15		
Gazette" Printing Co.	do	do				
Post" Printing and Publishing Co.	do	do		5 50		
Nouvelliste"	do	do		3 10		
The Budget"	do	do		5 50		
Daily Telegraph"	do	do		3 10		
J. Demers & Frère.....	do	do		5 50		
Cie Typ. des Cantons de l'Est"	do	do		3 10		
Journal de Waterloo" ..	do	do		3 10		
The Star"	do	do		5 50		
Cie l'Imprimerie de Joliette.....	do	do		2 10		
Farmer's Advocate" ..	do	do		2 17		
Quotidien"	do	do		2 10		
Canadian Publishing Co.	do	do		2 90		
Courier Printing House.....	do	do		2 90		
Ormslow "Courier"	do	do		1 55		
Sorellois"	do	do		5 50		
Sorel "News"	do	do		5 50		
Essex "Review"	do	do		10 86		
Cowansville "Observer" ..	do	do		2 48		
Chatham "Planet"	do	do		2 90		
Le Progrès de l'Est" ..	do	do		3 10		
Irish Canadian"	do	do		2 90		
Evening Canadian"	do	do		2 90		
Enterprise Messenger" ..	do	do		2 90		
Berlin "News"	do	do		2 90		
Cornwall "Reporter"	do	do		2 10		
Arnprior "Chronicle"	do	do		1 68		
Intelligencer"	do	do		2 90		
Telegram"	do	do		2 32		
Goderich "Star"	do	do		5 70		
Courier du Canada"	do	do		3 10		
Gananoque "Journal"	do	do		2 32		
Parkdale "News"	do	do		2 90		
Prescott "Messenger"	do	do		2 90		
The Visitor"	do	do		4 83		
E. F. Clarke.....	do	do		2 90		
J. R. Robertson.....	do	do		2 90		
Imprimerie du Nord"	do	do		3 10		
Standard Publishing Co.	do	do		5 80		
Constitutional"	do	do		5 55		
Petit Journal"	do	do		5 50		
Hamilton "Times"	do	do		3 77		
L'Original "Advertiser" ..	do	do		1 68		
London "Herald"	do	do		2 90		
Pictou "Gazette"	do	do		2 32		
London "Free Press"	do	do		2 90		
J. White & Son	do	do		2 90		
Woodstock "Times"	do	do		2 32		
Owen Sound "Times"	do	do		2 31		
G. Keyes.....	do	do		1 60		
Monetary Times"	do	do		2 70		
J. B. Traves.....	do	do		2 90		
Moniteur du Commerce" ..	do	do		5 50		
St. Johns "News"	do	do		3 10		
Cobourg "Sentinel"	do	do		2 00		
J. G. Gingras & Co	do	do		2 40		
Mercier et Cie.....	do	do		2 40		
Carried forward			5,083	62		

STATEMENT of Expenditure in connection with Examination of Masters and
Mates, etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward	5,088	62		
"Express" newspaper...	Advertising notices re examinations.....		1 60		
"Courier de St. Hyacinthe"	do		3 10		
Peterborough "Review"	do		1 50		
"The Shareholder"	do		5 50		
"Journal of Commerce"	do		2 40		
"Le Canadien"	do		5 50		
"Le Cultivateur"	do		5 50		
"Le Protectioniste"	do		3 10		
"Daily Telegraph"	do		2 40		
"La Minerve"	do		5 50		
Journal Printing Co	do		2 90		
A. Côté & Co	do		5 50		
"British Columbian"	do	25	32		
"Morning Chronicle"	do		7 05		
North Sydney "Herald"	do		1 50		
Geo. Watson	Almanac		2 10		
Queen's Printer	Stationery, printing, etc.			5,169	09
				411	70
				5,580	79

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. II

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Steamboat Inspection, for the Fiscal Year ended 30th June, 1884.

			\$ cts.	\$ cts.
Samuel Risley	12 months salary as Chairman of Board..	\$1,764 00		
do	do superannuation tax.....	36 00		
			1,800 00	
W. M. Smith..	do salary as Deputy Chairman of Board and Inspector of New Brunswick and Nova Scotia.	\$1,372 00		
do	do superannuation tax.....	28 00		
			1,400 00	
W. J. Meneilley.	do salary as Inspector, Toronto..	\$1,176 00		
do	do superannuation tax.....	24 00		
			1,200 00	
John Burgess	do salary as Inspector, Montreal.	\$1,176 00		
do	do superannuation tax.....	24 00		
			1,200 00	
Joseph Samson.....	do salary as Inspector, Quebec..	\$ 980 00		
do	do superannuation tax	20 00		
			1,000 00	
Thos. Harbottle	do salary as Inspector	\$ 980 00		
do	do superannuation tax	20 00		
			1,000 00	
P. D. Brunelle	do salary as Inspector	\$ 980 00		
do	do superannuation tax	20 00		
			1,000 00	
C. R. Coker	do salary as Inspector	\$ 980 00		
do	do superannuation tax	20 00		
			1,000 00	
E. Adams	13½ do salary as Inspector, from 25th April, 1883, to 30th June, 1884	\$1,159 66		
do	do superannuation tax.....	23 67		
			1,183 33	
E. R. Abell.	6 do salary as Inspector.....	\$ 490 00		
do	do superannuation tax.....	10 00		
			500 00	
O. P. St. John	2 do and 8 days salary as Inspector, from 23rd April to 30th June, 1884	\$ 185 12		
do	do superannuation tax.....	3 76		
			188 88	
James Dick	2 do and 3 days salary as Inspector, from 22nd April to 30th June, 1884	\$ 150 26		
do	do superannuation tax.....	3 09		
			153 35	
E. S. Vigor.	Salary to 30th June, 1884		910 00	
A. Vipond.....	Expenses inspecting steamboats		836 55	
Samuel Risley	Travelling expenses		974 41	
W. M. Smith	do		1,317 48	
W. J. Meneilley	do		554 96	
John Burgess	do		327 55	
P. D. Brunelle.....	do		332 17	
	Carried forward.....		16,878 67	

STATEMENT of Expenditure on account of Steamboat Inspection, etc.—*Con.*

		\$	cts.	\$	cts.
	Brought forward.....	16,878	67		
T. F. Taylor.....	Travelling expenses	333	65		
E. Adams	do	402	80		
Jos. Samson	do	332	98		
T. Harbottle.....	do	626	02		
C. R. Coker	do	711	42		
E. R. Abell	do	2	63		
O. P. St. John	do	168	71		
E. S. Vigor	do	885	15		
E. B. McKay	do	72	53		
M. P. McElhinney	do	118	00		
Z. Wilson	do	8	00		
E. J. W. Burton	do	3	00		
Hon. Jas. Patton	do	75	00		
Harbour Commissioners, Montreal	12 months rent of office	250	00		
A. P. Devlin.....	Travelling expenses and inspecting steamer "Ex- cursion"	180	00		
Bank of Montreal	Draft to pay for test gauge	124	50		
T. N. Hibben & Co.	Stationery	39	52		
Queen's Printer	Printing and stationery.....			21,262	59
				908	39
				22,170	98
	LESS REFUNDS.				
	A. Vipond's travelling expenses to 31st Oct., 1883, previously paid by Agent, British Columbia....	42	50		
	E. S. Vigor's salary to 30th June, 1884, previously paid by Agent, British Columbia	235	20		
				277	70
				21,893	28
	Inspection dues collected by Customs Department..	12,521	79		
	Fees from the examination of Engineers, collected by Chairman of Board, and paid to the credit Receiver-General	2,850	00		
				15,371	79

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 12

To the Seventeenth Annual Report of the Department of Marine and Fisheries,
being Statement of Expenditure on account of Registry and Survey of
Canadian Shipping, for Fiscal Year ended 30th June, 1884.

		\$ cts.	\$ cts.
T. H. Sime	Register, Bureau Veritas, £10 10s.....	51 10	
Wm. Dawson & Sons.....	Subscription to "Shipping Gazette," 1 year, to 1st July, 1884, £5 5s.....	25 55	
Canadian Express Co. ...	Express charges on books, etc.....	3 10	
Postmaster, Ottawa.....	To pay for case of shipping forms.....	4 44	
Queen's Printer.....	Stationery and printing.....		84 19
	Total.....		105 08
			189 27

WM. SMITH,
Deputy Minister of Marine and Fisheries.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 13

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Investigations into Wrecks and Casualties, for the Fiscal Year ended 30th June, 1884.

		\$	cts.	\$	cts.
Edward O'Brien	Reporting wrecks, 20 at \$2.00, Windsor	40	00		
D. Ferguson	do 9 do Miramichi	18	00		
M. Bourinot	do 16 do Port Hawkesbury ..	32	00		
R. Benoit	do 7 do Arichat	14	00		
James Ross	do 2 do Margaree	4	00		
D. McDonald	do 16 do Pictou	32	00		
Jas. Barber	do 52 do St. John	104	00		
W. H. Moody	do 7 do Yarmouth	14	00		
J. Cummins	do 15	15	00		
Capt. P. A. Scott	Expenses investigating wreck of the "John Murphy" and "City of Brantford"	33	11		
J. U. Gregory	To pay witness fees <i>in re</i> "Bahama"	25	50		
Capt. T. Pritchard	Services as nautical assessor <i>re</i> "Bessie Curry" ..	15	00		
Capt. W. O. Robinson ..	do do "Minnie Gordon" ..	10	00		
Capt. Thomas	do do "Bessie Curry" ..	5	00		
Capt. P. A. Scott	Travelling expenses	92	86		
David Hunter	2 days as nautical assessor <i>re</i> "D. Steinman" ..	10	00		
F. Revelly	To pay witness fees <i>re</i> S.S. "Grappler"	58	00		
Capt. P. A. Scott	On account expenses investigating loss of Str. "Princess Louise"	200	00		
R. Williams	Allowance for board <i>re</i> loss "Bahama"	14	00		
R. Ross	do do	9	00		
A. Despres ..	do do	9	00		
L. Samson	do do	9	00		
D. Tremblay	do do	9	00		
E. Laioie	do do	9	00		
H. Tremblay	do do	9	00		
John Olson	do do	9	00		
J. W. Milloy	do do	6	75		
N. Mathurin	do do	3	75		
E. Frank	do do				
Queen's Printer	Stationery, printing, etc.			823	97
				6	15
				830	12

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 14

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Rewards for Saving Life, Purchase of Life-boats, etc., for the Fiscal Year ended 30th June, 1884.

		\$ cts.	\$ cts.
S. P. Mabee.....	Putting life-boat in order, and building boathouse at Port Rowan	148 93	
do	Signal flag at Port Rowan.....	3 75	
W. H. Allan.....	2½ years storage at Port Rowan.....	22 60	
W. Woodward	Salary, 6 months to 1st April, 1884, for taking charge of life-boat, Port Rowan.....	117 00	
Charles Garner	Construction of life-boat, Wellington.....	451 35	
Hicks & Vanblaricom.....	Horse hire delivering life-boat, Wellington	27 00	
T. Gorman.....	Unloading from car do do	5 00	
J. S. McQuaig.....	To pay for do do	301 19	
J. J. Bongard.....	Repairs to do do	20 00	
H. McCullough	Paid for caulking, etc. do do	39 50	
do	Salary as Captain, 1 year to 1st July, 1884, Wellington	75 00	
do	Paid wages of crew to 30th Nov., 1883, Wellington	126 00	
J. J. Turner	Dominion flag for life-boat, Cobourg	16 00	
H. E. Barr	Painting waggon for do do	18 00	
Jeffrey & McNaughton.....	Rope hooks, etc. do	5 07	
John Pengilley.....	Rowlocks do	7 75	
George Tutt	Flag pole do	11 50	
W. Lewis & Son	Patent blocks, etc. do	6 00	
D. Rooney.....	Paid for raising and cleaning life-boat, Cobourg.....	7 90	
do	Salary as Captain, 1st July, 1883, to 1st May, 1884, Cobourg.....	79 35	
do	Paid wages of crew, Cobourg.....	72 00	
Leroy Spafford.....	Salary as Captain of life-boat, 1 year to 1st July, 1884, Polar Point.....	75 00	
do	Two trips to Picton, Poplar Point.....	4 00	
do	Paid crew for practice do	36 00	
J. Bongard.....	Rent of waggon house do	24 00	
Captain Andrews	Paid crew for practice, Toronto.....	145 00	
D. McMullin	Freight on life-boats.....	16 00	
J. S. McQuaig.....	Expenses of Capt. Dobbin and Capt. Doyle inspecting life-boats.....	11 91	
Acct. Board of Trade ...	Amount advanced 3 men of "Afteinsjern" for services rendered crew of wrecked ship "Stella," £12.....	58 40	
Jas. Cole.....	Services rescuing crew ex "Marcopole"	10 00	
Wm. McKenzie.....	do do	10 00	
M. Praught.....	do do	10 00	
H. Fyfe	do do	10 00	
James Jones.....	do do	10 00	
D. Praught.....	do do	10 00	
E. Warren.....	do do	10 00	
John Doyle	do do	105 44	
George Cox.....	Engraving watches, etc.....	189 91	
John Leslie.....	Watches, binocular glasses, etc.....	291 52	
Harrison & Son	Marine glasses, £59 18s. 0d.....	16 57	
Canadian Express Co	Express charges on glasses.....		2,614 04
Queen's Printer	Stationery and printing.....		0 87
			2,614 91

WM. SMITH,

Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 15.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure and Receipts on account of Water Police, Quebec, and Harbour Police, Montreal, for the Fiscal Year ended 30th June, 1884.

		QUEBEC.		\$	cts.	\$	cts.
B. Trudel.....	12 months salary as Chief Police and Shipping Master.....	\$1,470	00				
do	do superannuation tax.....	30	00			1,500	00
John Giblin	12 months salary as Dep. Shipping Master.....	\$980	00				
do	do superannuation tax.....	20	00			1,000	00
B. Trudel.....	Pay-list, wages of men.....	\$12,194	35				
do	do gratuity for good conduct.....	1,872	50				
do	do bonus.....	270	00				
						14,336	85
J. Hamel et frères.....	Cloth and cotton.....					947	11
Foley & Co.....	Serge suits.....					280	00
E. Chanteloup.....	Buttons.....					91	75
J. R. Renfrew & Co.....	Straw hats.....					32	85
J. Cunningham.....	Shirts.....					17	50
T. Routier.....	Repairing hull of "Dolphin".....					44	25
do	Iron repairs.....					105	21
do	Repairing slip.....					119	26
S. Peters	Lumber.....					412	02
Carrier, Lainé & Co.....	Repairing engines.....					555	37
Hy. Black & Co.....	Plates and furnace bars.....					121	66
G. T. Phillips.....	Steam pipes and repairs.....					42	32
H. Dinning & Co.....	Lumber.....					25	97
J. Cunningham.....	Repairs, cork fenders.....					274	75
Hy. Quinn.....	Repairing engines.....					26	00
J. M. Tardif.....	Spars and knees.....					21	60
G. Belanger.....	Repairing engines.....					51	00
H. Quinn.....	Timber.....					2	00
J. Deegan.....	Pay-list, repairs.....					70	00
J. O'Dowd.....	Painting and repairs.....					31	00
J. Cunningham.....	Outfit.....					100	75
Z. Marchand.....	2½ tons of coal, at \$7.....					17	50
G. M. Webster & Co.....	5 chaldron of coal, at \$6.50.....	\$32	50				
do	½ do do 7.50.....	3	75				
do	1 do do 8.00.....	8	00				
						44	25
C. E. Holliwell.....	Stationery.....					43	90
Imperial Oil Co.....	Petroleum.....					21	25
S. J. Shaw & Co.....	Screws, nails, putty, tools, etc.....					674	97
Beaudet & Chénic.....	Paint, oil, etc.....					260	50
J. Dunn.....	Tallow and soap.....					117	50
Alex. Grant.....	Provisions for prisoners.....					85	19
O. Simard.....	Red lead.....					49	40
O'Neil & Judd.....	Flag.....					8	00
Audet & Robitaille.....	Canvas and rope.....					315	10
Dawson & Co.....	Stationery.....					12	75
Auger & Martineau.....	Paint.....					8	00
Renaud & Co.....	Lamps, chimneys, etc.....					49	35
S. Bedard.....	Lanterns.....					8	00
W. Hunt & Co.....	Corkwood.....					6	50
J. Cunningham.....	Meals.....					17	45
J. Batt'e.....	do					5	40
Carried forward.....						21,984	23

STATEMENT of Expenditure and Receipts on account of Harbour Police, Montreal, and Water Police, Quebec, etc.—Continued.

			\$ cts.	\$ cts.
	Brought forward		21,984 23	
	QUEBEC—Concluded.			
B. Trudel.....	2 cords wood, at \$5.00.....	\$10 00		
do	1 do 4.50	4 50		
			14 50	
J. Marmen.....	13 do 4.50.....		58 50	
do	Cartage.....		11 30	
Cherrier & Co.....	Directory.....		8 00	
Duquet & Co.....	Keys.....		1 00	
J. J. Foote.....	Subscription to "Chronicle".....	6 00		
G. T. Carey.....	do "Mercury".....	4 00		
Bell Telephone.....	Rent of telephone.....	60 00		
B. Trudel.....	Telegrams and cartage.....	41 16		
J. F. Arel.....	Chairs.....	6 00		
J. Carrell.....	Printing.....	15 00		
T. Berrigan.....	Cartage of prisoners.....	526 50		
T. Rouvier.....	Paid for clearing snow off pontoon.....	22 40		
Queen's Wharf.....	Use of stores.....	100 00		
T. Berrigan.....	Clearing snow.....	92 00		
J. Clark.....	Towing pontoon.....	5 00		
Mrs. Abraham.....	Washing.....	3 20		
	Total.....			22,958 79
	MONTREAL.			
H. St. A. Ormond.....	12 months salary as Agent of Department.....	\$1,372 00		
do	do superannuation tax.....	28 00		
			1,400 00	
George Murphy.....	do salary as Chief of Police, 365 days, at \$3.....	\$11,660 05		
H. St. A. Ormond.....	Pay-list of men from 1st June, 1883, to 30th June, 1884.....		1,095 00	
do	Pay-list for good conduct, 6,399 days, at 25 cents per day.....	1,599 75		
do	Further bonus for good conduct—28 men, at \$10 00.....	280 00		
	1 do 8 50	8 50		
	1 do 8 75	8 75		
	1 do 7 25	7 25		
do	Paid for cab-hire, telegrams, freight, cartage, etc., etc.....	222 49		
			13,786 79	
Mrs. McDonald.....	Washing, etc., office and cells	48 00		
E. Chanteloup.....	Buttons and replating buttons.....	15 94		
R. Watson.....	Examining and reporting on cloth for police clothing.....	5 00		
Brown & Co.....	Carpenters tools	23 64		
R. Gahan.....	Altering gas pipes.....	2 55		
J. K. Macdonald.....	Brass keys	0 50		
Wm. Drysdale & Co.....	Stamps	27 50		
R. McShane.....	Meal, soap, etc.....	12 72		
Douglass & McNiece.....	Soap.....	1 50		
J. Carsley.....	Print, towels, etc.....	7 63		
Goodyear Rubber Co.....	Gas tubing.....	2 70		
James Brown & Bro.....	Nails, brass bolts, chamois, etc.....	16 82		
Harbor Commissioners.....	12 months rent of station, to 1st May, 1884.....	500 00		
T. Patton & Co.....	Making clothing.....	241 18		
Gault Bros.....	Serge, \$309.92; rubber coats, etc., \$165.50	475 42		
Chas. Charron.....	Boots for constables.....	264 50		
City Gas Co.....	12 months gas	58 34		
L. H. Henault.....	Ice.....	9 50		
Mrs. Creagan.....	Meals for prisoners	2 80		
Wm. Walker.....	New tap	4 58		
	Carried forward		18,002 61	

**STATEMENT of Expenditure and Receipts on account of Harbour Police,
Montreal, and Water Police, Quebec, etc.—*Concluded.***

		\$ cts.	\$ cts.
	Brought forward	18,002 61	
	<i>MONTREAL—Concluded.</i>		
D. McEntyre & Sons	Trousers, overcoats, tunics and samples.....	524 85	
John Fox.....	Straw	3 20	
"Gazette" Printing Co.	Subscription	18 00	
do	Printing on hat bands.....	2 00	
"Herald" Printing Co.	Subscription	11 20	
R. H. Hughes.....	Police whistles	12 16	
Mrs. Ryan.....	Meals for prisoners	4 80	
Wm. Samuel.....	Caps, hats, helmets, etc.....	138 75	
J. A. Beauvais.....	Tunics, trousers and trimmings	116 00	
Wm. Farquharson	Making trousers.....	16 00	
E. J. Maxwell	Lumber	4 11	
Bell Telephone Co.....	12 months rent to 6th October, 1884	83 00	
Dawson Bros	Wrapping paper.....	1 80	
Post Office.....	Rent of box.....	6 00	
Frothingham & Workman	Lock, hooks, etc.....	6 36	
J. Arnold	Cleaning arms	16 50	
Jos. Fortier.....	Twine, wrapping paper, etc.....	7 65	
J. R. Bain.....	Case opener.....	1 50	
J. Wilson.....	Book shelf	3 00	
Ramsay, Dodd & Co.....	Varnish.....	2 48	
Dr. A. L. Smith	Examining men	3 50	
H. St. A. Ormond.....	Travelling expenses	11 00	
Queen's Printer.....	Stationery, printing, etc.....		18,996 47
			29 57
	Less—Refund.....		19,026 04
			4 11
			19,021 93

SUMMARY.

Total Expenditure, Quebec	22,958 79	
do Montreal.....	19,021 93	
		41,980 72
Receipts at Port of Quebec	18,441 12	
do Montreal	10,056 13	
		28,497 25
Excess of Expenditure over Receipts.....		13,483 47

F. GOURDEAU,
Acting Accountant.

WM. SMITH,
Deputy Minister of Marine.

APPENDIX No. 16

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF
MARINE AND FISHERIES, BEING REPORT ON THE MARINE AND
IMMIGRANT HOSPITAL AT QUEBEC, FOR THE FISCAL YEAR
ENDED 30TH JUNE, 1884.

MARINE HOSPITAL, QUEBEC, 15th September, 1884.

To the Honorable

The Minister of Marine and Fisheries,
Ottawa.

SIR,—The trustees of the Marine and Immigrant Hospital at Quebec have the honor to submit the following Report:—

The expenses incurred in the maintenance of the hospital during the fiscal year 1883-84 amounted to \$19,990.34. Of this sum \$17,391.34 was a charge upon the Federal Government; the balance, viz., \$2,599.00, was met as follows:—

Grant from the Province of Quebec.....	\$2,400 00
Rent of beach lots.....	120 00
Board of patients.....	76 00
Sale of ashes.....	3 00
	<u>\$2,599 00</u>

The report of the resident physician on the admissions, discharges and deaths which have occurred in the hospital during the year may be summed up as follows:—

Number of patients in the hospital on the 30th June, 1883...	75
Number of admissions	654
	<u>729</u>
Number of discharges.....	640
Number of deaths.....	25
Number of patients in hospital on 30th June, 1884.....	64
	<u>729</u>
Total number of days' attendance in hospital.....	15,517
Average of do do do	24
Rate per cent. of mortality.....	3.4

The report of the resident physician submits that with regard to the attendance of patients there is a falling off of 105 in the number of admissions, and a decrease of 4,525 days' attendance. This result is due somewhat to the limited number of vessels which have frequented the port, and to the excellence of the sanitary state of their crews and passengers, but principally to the rigid control the Commissioners exercised on the admission of sick patients of the city.

This diminution referred to by the Commissioners in the number of patients admitted, and their attendance, has enabled them to reduce to \$1,500 a deficit of \$2,800 they had last year.

The death rate has been lower than at any other period—3.4 per cent. These figures will be all the more significant if it is noted that, of the twenty-five deaths mentioned, several were the result of accidents, death occurring on the same day of admission, or the day following.

The trustees, under the apprehension that cholera would be introduced here, would have wished to devote, to the purchase of bed furnishings, &c., a sum proportionate to the presumed requirements of the hospital, but the state of their finances would not allow them to incur this expenditure. The trustees believe it their duty to take this opportunity to solicit a supplementary subsidy in the event of cholera visiting Canada.

All of which is humbly submitted.

P. WELLS, M.D.,
Secretary.

RETURN of Patients treated in the Marine and Immigrant Hospital at Quebec, for the year ending 30th June, 1884.

	Seamen.	Immigrants.	Residents.
Remaining in hospital, 1st July, 1883.....	46	6	23
Admitted during the year.....	372	103	179
Total treated during the year.....	418	109	202
Discharged during the year.....	372	93	175
Died during the year.....	9	5	11
Remaining in hospital, 30th June, 1884.....	37	11	16
Number of days in hospital.....	6,328	1,499	7,690

L. CATELLIER, M.D.,
Resident Physician, M. & I. Hospital.

APPENDIX No. 17

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of the Marine and Immigrant Hospital, Quebec, for the Fiscal Year ended 30th June, 1884.

			\$ cts.	\$ cte.
Jas. A. Sewell, M.D.....	4 months salary as Chairman of Commissioners....		133 33	
O. Robitaille, M.D.....	12 do Commissioner.....		200 00	
W. Marsden, M.D.....	5 do do		83 33	
P. Wells, M.D.....	12 do Secretary and Treasurer.....		600 00	
A. Rowand, M.D.,.....	do Visiting Physician.....		400 00	
C. E. Lemieux, M.D.....	do do		400 00	
N. E. Dionne, M.D.....	do do		400 00	
L. Catellier, M.D.....	do Resident Physician.....		799 92	
Rev. M. M. Fothergill.....	Allowance as Chaplain 1 year.....		144 00	
Rev. J. P. Sexton.....	do do		144 00	
do	Interments		20 00	
do	do		35 00	
Mount Hermon Cemetery.	Water tax 1 year.....		800 00	
Corporation of Quebec.....	Gas.....		492 00	
Quebec Gas Company.....	Bread.....		990 43	
Jas. McCorkell.....	Firewood, 275 $\frac{3}{4}$ cords, at \$4.50, \$1,240.87; and transport and pilage, \$220 60.....		1,461 47	
L. Lessard.....	Cutting firewood.....		165 45	
J. Asselin.....	Coals, 32,134 tons, at \$6.75, \$220.51; and weighing, \$1.30.....		221 81	
J. Macnaughton & Co.....	Beef, \$1,872.21; pork, \$99.85.....		1,972 06	
Thos. Delany.....	Milk.....		1,135 89	
M. Brophy.....	Groceries.....		1,915 24	
Jas. McCone.....	do		632 72	
P. E. Blais.....	1 year's disbursements for vegetables, fish, eggs, fowls, etc., for patients.....		909 87	
S. Mossman.....	12 months wages as Matron.....		300 00	
do	Orderly, 7 months, at \$18.....	\$126 00		
S. Hobbs.....	do 5 do 16.....	80 00		
do			206 00	
P. Barry.....	do 7 do 18.....	\$126 00		
do	do 5 do 16.....	80 00		
			206 00	
R. Deegan.....	do 4 $\frac{1}{2}$ do 18.....		81 00	
J. Brennahan.....	do 3 do 18.....		54 00	
H. Hunt.....	Porter, 7 do 18.....	\$126 00		
do	do 5 do 16.....	80 00		
			206 00	
W. Vaillancourt.....	Outside Porter, 7 months, at \$18.....	\$126 00		
do	do 5 do 16.....	80 00		
			206 00	
C. Caron.....	do 1 month and 16 days, at \$18.....	\$27 60		
do	do 5 months, at \$16.....	80 00		
			107 60	
C. Ryan.....	Nurse, 12 months, at \$10	120 00		
A. Jacobs.....	do 9 do 10.....	90 00		
A. McGrath.....	do 12 do 10.....	120 00		
M. Quinn.....	do 2 do 18.....	20 00		
R. Stonehouse	Night Nurse, 12 months, at \$10	120 00		
M. Mitron.....	Cook, 12 do 10.....	120 00		
M. Lawlor.....	do 12 do 8.....	96 00		
C. Ouellet.....	Housemaid, 8 do 7.....	56 00		
A. Poulet.....	do 4 do 7.....	28 00		
M. O'Neil.....	do 12 do 7.....	84 00		
C. Dunn.....	Seamstress 12 do 8.....	96 00		
C. Hobbs.....	Washing clothes, 40 days.....	24 00		
M. Lamarre.....	do 20 do	12 00		
	Carried forward.....		5,409 12	

STATEMENT of Expenditure on account of the Marine and Immigrant Hospital, Quebec, etc.—*Concluded.*

		\$ cts.	\$ cts.
	Brought forward.....	5,409 12	
M. Baillargé.....	Scullery maid, 57½ days.....	28 75	
M. Quinn.....	House cleaner, 49 do.....	24 50	
A. Healy.....	House cleaner, 47 do.....	23 50	
M. Baillargé.....	do 49 do.....	24 50	
M. Terreau.....	do 47 do.....	23 50	
C. Hobbs.....	do 28 do.....	14 00	
L. T. Dussault.....	Towelling, sheeting, ticking, blankets, flannel, etc.....	855 55	
J. A. Langlais.....	Stationery.....	25 60	
T. Lemieux.....	do.....	24 50	
A. Laberge.....	Making doors, painting, glazing and repairs.....	399 03	
Geo. Cook.....	Smith work, putting up and cleaning stovepipes, etc.....	257 10	
Andrews Brothers.....	Hardware and cutlery.....	40 08	
do.....	Repairing gas pipes and new fixtures.....	44 69	
Quebec Gas Co.....	do do.....	9 41	
A. Mulholland.....	Plumber's work.....	519 66	
Ryan & Keraghan.....	do.....	97 87	
Thos. Norris.....	Crockery.....	101 80	
W. Brunet et Cie.....	Drugs.....	81 80	
J. C. Dorion.....	do.....	93 58	
J. E. Burke.....	do.....	11 50	
E. Morin et Cie.....	do.....	250 30	
R. McLeod.....	do.....	11 30	
L. Gagnon.....	Ice.....	28 00	
J. Drolet.....	Washing bill.....	363 34	
do.....	Straw.....	5 96	
Demers et frère.....	Printing.....	14 00	
P. Vallière.....	Furniture.....	75 90	
G. Lepine.....	Funeral expenses.....	60 00	
J. K. Boswell.....	Ale.....	71 50	
			19,990 34

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 18

to the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, and Shipwrecked and Distressed Seamen, for the Fiscal Year ended 30th June, 1884.

PROVINCE OF ONTARIO.

	ST. CATAERINES HOSPITAL.	\$ cts.	\$ cts.
Treasurer of Hospital. ...	Annual Grant for support of sick seamen .....	.....	500 00
	KINGSTON HOSPITAL.		
E. Clarke, Secretary..	Annual Grant for support of sick seamen.....	.....	500 00
			1,000 00

PROVINCE OF QUEBEC.

	MONTREAL GENERAL HOSPITAL.		
Davidson, Treasurer	Maintenance of sick seamen for season ended 30th November, 1883, 1,305 days, at 90 cts. per diem .....	.....	1,174 50
	SICK AND DISABLED SEAMEN.		
L. Gauvreau.	Passage of two men from Rimouski.	3 00	
H. C. Smellie.	Professional attendance on sick seamen, Gaspé.	306 00	
P. E. Lemeux.	do do Métis.	14 50	
S. Grenier.	do do Percé.	309 00	
B. Laroque.	do do.	12 00	
L. E. Beauchamp.	do do Chicoutimi.	13 50	
S. Pouliot.	do do do.	22 00	
C. A. C. Lacombe.	do do do.	4 00	
N. E. Ray.	do do Gaspé.	22 00	
W. Maguire.	do do New Carlisle.	251 90	
A. A. Lapierre.	do do do.	17 00	
Cormick.	Boarding and lodging sick seamen, Percé.	59 00	
Miloy.	do do do.	40 00	
A. Pigeon.	do do do.	5 00	
Tremblay.	do do do.	6 00	
John Hocquard.	do do New Carlisle.	256 10	
Grey Nuns.	do do.	16 00	
			1,357 00
	SHIPWRECKED AND DISTRESSED SEAMEN.		
"Admiral".	Passage of seamen.	73 16	
John Baker.	Boarding seamen, ex "Marion".	3 00	
J. Kavanagh.	Paid passages, lodging, etc., seamen.	157 53	
John E. D. Shea.	do.	9 20	
Bradley.	Boarding and lodging seamen.	48 50	
	Carried forward	291 39	

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF QUEBEC—*Concluded.*

		\$	cts.	\$	cts.
	Brought forward	291	39		
SHIPWRECKED AND DISTRESSED SEAMEN— <i>Concluded.</i>					
Intercolonial Railway.....	Passages of seamen		1 60		
John Souter	Conveyance of seamen		10 95		
H. St. A. Ormond.....	Paid passage of seamen.....		20 00		
W. Beatty.....	Boarding, etc., seamen, ex "Annie Maude"		9 00		
J. A. Eden	do do		4 50		
C. Sinnet	do do		19 00		
J. Landry	do "Golden Lion"		75 00		
W. E. Dickinson.....	Meals to crew of Port Rowan lifeboat.....		8 75		
Bank of Montreal.....	To pay wrecked seamen ex "Minnie"		73 00		
Richard Miller.....	Conveyance of seamen, ex "Alice"		108 00		
				621	19
BOARD OF TRADE.					
Accountant, Board of Trade	To re-imburse expenses seamen, ex "Tevriot"		173 46		
do do	do do "Clifton"		89 75		
do do	do do "Ingomar"		366 94		
do do	do do "Java"		132 19		
do do	do do "Julia Grace"		115 79		
do do	do do "Natrona"		33 86		
do do	do do "Sarah B."		6 57		
				918	56

PROVINCE OF NOVA SCOTIA.

SICK AND DISABLED SEAMEN.					
Provincial City Hospital	Board of seamen during the fiscal year ended 30th June, 1884, 4,836 $\frac{2}{3}$ days, at 90 cts. per day.....			4,352	95
<i>Arichat.</i>					
W. A. Babineau	Board, 8 weeks, at \$3.....		24 00		
J. A. Dennison	do 1 do \$3.....		3 00		
do	do 7 do \$3.50		24 50		
do	do 2 weeks and 5 days, at \$3.50		9 50		
Peter Martell	do 3 weeks, at \$3.....		9 00		
Annie Terrio	do 6 do \$3.....		18 00		
Stephen Boudrot.....	do 4 weeks and 3 days, at \$3.....		13 28		
Mary A. Josse	do 9 do 2 do \$3.....		27 86		
P. Petitpas	do 2 weeks, at \$3		6 00		
Maria Boudrot	do 3 do \$3.....		9 00		
Jane Boudrot.....	do 3 do \$3.....		9 00		
F. J. Fennelly.....	do 10 days, at 75c		7 50		
Adeline Sampson	do 3 weeks, at \$3.....		9 00		
Dr. V. A. Hazil	Medicines		54 40		
do	Salary, 1 year		250 00		
				474	04
<i>Annapolis.</i>					
Dr. Aug. Robinson	Attendance and medicine.....		31 55		
Mrs. Amberman.....	Board, 10 days, at \$1.50.....		15 00		
St. Clair Francis	do 10 do 60c.....		6 00		
				52	55
Carried forward				4,879	54

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		4,879 54
	<i>Advocate Harbour.</i>		
r. Clifford Sayre	Attendance and medicine.....	50 75	
acob Spicer.....	Board, 4 weeks, at \$3.....	12 00	
do	Nursing, 27 days, at \$1.50.....	40 50	
db	Washing.....	6 00	
			109 25
	<i>Baddeck.</i>		
r. H. B. McPherson.....	Attendance and medicine.....	14 00	
r. S. G. A. McKeen.....	do	1 00	
r. J. L. Bethune.....	do	2 50	
			17 50
	<i>Barrington.</i>		
r. W. K. French.....	Attendance and medicine.....	29 50	
reeman Newell	Board, 3 weeks.....	9 00	
. O. Crowell	do 1 week.....	3 00	
			41 50
	<i>Bear River.</i>		
r. R. J. Ellison.....	Attendance and medicine.....	9 20	
r. J. G. Dwyer	do	2 60	
			11 80
	<i>Bayfield.</i>		
rs. M. McDonald	Board, 5 weeks, at \$3.....		15 00
	<i>Bridgetown.</i>		
r. Lewis DeBlois	Attendance and medicine.....	7 60	
hos. Gibson.....	Board and nursing, 2 days.....	2 00	
			9 60
	<i>Cow Bay, C.B.</i>		
r. R. A. H. MacKeen....	Attendance and medicine.....	58 75	
E. Lawders.....	Burial expenses	10 00	
. McAuley	Board and attendance, 7 days.....	12 25	
			81 00
	<i>Cornwallis.</i>		
r. J. L. Miller.....	Attendance and medicine.....	66 00	
. Simmonds	Board, 9 days	9 00	
r. F. W. Borden.....	Attendance and medicine.....	10 50	
			85 50
	<i>Chester.</i>		
r. F. W. Kelly	Attendance and medicine.....	54 75	
rch. Evans.....	Board, 9 weeks, at \$3.....	27 00	
			81 75
	<i>Digby.</i>		
Viets	Medical attendance, board and conveyance 6 men.....		11 00
	Carried forward		5,343 44

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Continued.*

		\$	cts	\$	cts.
	Brought forward			5,343	44
	<i>Economy.</i>				
Dr. M. C. McLeod	Attendance and medicine			4	00
	<i>Five Islands.</i>				
Dr. M. C. McLeod	Attendance and medicine	13	00		
A. Y. Corbett	Board, 5 weeks, at \$3.50	17	50	30	50
	<i>Great Bras d'Or.</i>				
E. Livingstone	Board, 13 weeks, at \$2.50			32	50
	<i>Guysborough.</i>				
Dr. G. E. Buckley	Attendance and medicine			6	00
	<i>Harborville.</i>				
Henry Morris	Board, 12 weeks, \$2.50			30	00
	<i>Hantsport.</i>				
Dr. J. M. Weeks	Attendance and medicine	18	50		
Mrs. Miller	Board, 10 weeks, at \$2.50	25	00	43	50
	<i>LaHave.</i>				
Dr. D. O. Sanders	Attendance and medicine	52	00		
James Bell	Board, 5 weeks, at \$3	15	00	67	00
	<i>Lunenburg Hospital.</i>				
S. A. Rounsefell	Medicines	27	18		
Arthur Thurlow	Board of patients, 50 weeks and 4 days	151	76		
do	Wood, straw and lime	7	65		
do	Teaming coal	7	15		
do	Fittings for stove	9	45		
do	Wood	4	25		
do	Salary as Keeper	137	50		
Dr. S. Jacobs	12 months salary	150	00		
J. E. Hunt & Co.	Coal	7	00		
L. Anderson & Co	Coal and wood	22	00	523	94
	<i>Lockeport.</i>				
Dr. J. S. Morton	Attendance and medicine	28	25		
John McLean	Board, 15 weeks, at \$3.50	52	50	80	75
	<i>Liverpool.</i>				
Sophy Munro	Board, 2 weeks, at \$3.50	7	00		
Ruth Sabeau	do 2 do	7	00		
	Carried forward	14	00	6,161	63

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Continued.*

		\$ cts.	\$ cts.
	Brought forward.....	14 00	6,161 63
	<i>Liverpool—Concluded.</i>		
Sophia Freelock.....	Board, 3 weeks at \$3.50	10 50	
Mary Warman.....	do 2 do	7 00	
Mary Neal.....	do 5 do	17 50	
Sarah Head.....	do 9 do	31 50	
H. Garbatt.....	do 8 do	28 00	
Mary Grass.....	do 2 do	7 00	
Adelaide Hilton.....	do 2½ do	11 42	
Mr. Edgar Stewart.....	Conveyance.....	3 00	
Dr. H. G. Favish.....	Salary, 15 months	125 00	
			254 ^r 92
	<i>Louisburg.</i>		
Dr. D. A. McDonald	Attendance and medicine.....		17 85
	<i>Margaree.</i>		
Dr. A. R. McLean.....	Attendance and medicine.....		33 00
	<i>North Sydney.</i>		
Copeland & Co.....	Medicines.....	71 30	
James Collins.....	Board, 6 weeks and 3 days, at \$9... ..	57 86	
Dr. H. J. McPherson.....	12 months salary.....	300 00	
			429 16
	<i>Northport.</i>		
Dr. J. G. Campbell	Attendance and medicine.....		7 30
	<i>Pictou Hospital.</i>		
James Rice.....	Board, 33 weeks, at \$5	165 00	
do	do 7 days, at \$1.....	7 00	
Dr. J. McMillan.....	Salary.....	400 00	
P. Peterson.....	Allowance to pay passage from Liverpool, England to Copenhagen	9 73	
Isaac Grant.....	Clothing.....	3 50	
D. McDonald.....	Cab hire.....	0 75	
Intercolonial Railway.....	Conveyance.....	2 12	
W. J. Lorraine.....	Furnishing supplies.....	341 28	
			920 39
	<i>Parrsboro'.</i>		
Dr. H. P. Clay.....	Attendance and medicine.....	116 35	
Dr. A. T. Clarke.....	do	113 75	
Dr. A. J. Townshend.....	do	22 00	
D. M. Pettis.....	Board, 8 days, at 50c.....	4 00	
do	Conveyance.....	1 00	
Chas. Canning.....	Board, 3 weeks, at \$2.....	6 00	
Dr. A. G. Atkinson.....	Attendance and medicine.....	62 50	
C. D. Dickson.....	Board, 5 days, at \$1.....	5 00	
			330 60
	Carried forward		8,163 84

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		8,163 84
	<i>Port George.</i>		
Dr. S. N. Miller.....	Attendance and medicine.....	14 00	
R. D. Weaver.....	Board, 13 weeks, at \$2.50.....	32 50	46 50
	<i>Port Mulgrave.</i>		
Robt. Delaney.....	Salary, 1st to 17th July, 1883.....	4 72	
Dr. A. P. Macdonald.....	do 1 year.....	100 00	
James Purcell.....	Rent, building, from 1st July, 1882, to 31st May, 1884.....	82 50	
A. Murray.....	Salary as Keeper, 17 days, 17th Aug. to 2nd Sept... ..	4 72	
do	Board, patients, 1 week 2 days, at \$3.	3 86	195 80
	<i>Port Hawkesbury Hospital.</i>		
J. A. Campbell.....	Furniture.....	10 29	
H. W. Enbree & Son.....	Painting sign.....	3 00	
Alex. Murray.....	Removing furniture.....	8 00	
Dr. P. A. Macdonald.....	Medicines.....	21 25	
John Harding.....	Board, patients, 24½ weeks, at \$3.50.....	84 50	
do	Salary as Keeper, from 1st September, 1883, to 30th June, 1884—10 months.....	83 33	210 37
	<i>Port Caledonia.</i>		
Dr. R. A. H. MacKeen....	Attendance and medicine.....		18 00
	<i>Port Gilbert.</i>		
Dr. H. A. Ellison.....	Attendance and medicine.....	22 00	
James Langdale.....	Board, 2 weeks.....	6 00	28 00
	<i>Pugwash.</i>		
Dr. D. Mackintosh.....	Attendance and medicine.....		24 00
	<i>Pubnico.</i>		
Dr. W. G. Barton.....	Attendance and medicine.....		23 00
	<i>Ratchford's River.</i>		
Dr. A. T. Clarke.....	Attendance and medicine.....	15 00	
Mrs. J. W. Melton.....	Board, 5 weeks, at \$3.....	15 00	30 00
	<i>River John.</i>		
Dr. J. R. Colley.....	Attendance and medicine.....	29 00	
Mrs. A. McDonald.....	Board, 10 weeks 1 day, at \$3.....	30 41	59 41
	Carried forward.....		8,798 91

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

		\$ cts.	\$ cts.
	Brought forward.....		8,798 97
	<i>Sydney Hospital.</i>		
Campbell & Co.	Medicines	107 28	
Murchell Bros.	Freight and wharfage on medicines.	1 68	
R. A. D. MacGillivray...	Salary	300 00	
R. M. A. McDonald	Attendance and medicine.....	13 50	
John E. Woodell.....	Brandy.....	11 25	
Muggah.....	Board, patients, 1,195 $\frac{3}{4}$ days, at 43c.	514 15	
do	Straw and cleaning drain.....	2 50	
do	Under clothing	12 00	
do	Making bed clothing.....	6 40	
do	Burial expenses.....	16 00	
do	Salary.....	250 00	
			1,234 76
	<i>St. Mary's.</i>		
R. A. F. Falconer.....	Attendance and medicine.....		17 50
	<i>Sheet Harbour.</i>		
R. Finlay McMillan.....	Attendance and medicine.....		45 00
	<i>Tiverton.</i>		
R. G. T. Bingay.....	Attendance and medicine.....		47 00
	<i>Thorne's Cove.</i>		
R. J. A. Coleman.....	Attendance and Medicine.....	257 75	
F. E. Ryder.....	Board, 2 weeks and 3 days, at \$4.....	9 72	
J. McWhinney.....	do and nursing, 3 weeks.....	9 00	
Hugh Jackson	do 7 weeks, at \$3.....	21 00	
J. Anthony.....	do 3 do \$2.50.....	7 50	
			304 97
	<i>Windsor.</i>		
R. D. J. Fraser.....	Attendance and medicine.....	34 00	
Edward O'Brien	Provisions and nursing	39 44	
			73 44
	<i>Weymouth.</i>		
R. B. C. Dunham	Attendance and medicine.....	25 00	
R. H. D. Ruggles	do	25 15	
R. H. A. Ellison	do	8 00	
R. O. Godet	Board, 3 weeks, at \$3.....	9 00	
Abner Warner	do 16 do	48 00	
Thomas Fitzgerald.....	do 2 do	6 00	
			121 15
	<i>Yarmouth Hospital.</i>		
R. A. M. Perrin.....	Salary, 1 year	112 50	
J. C. Hutchinson	Medicines	7 75	
J. N. LeCain	Board of patients, 68 weeks and one day, at \$3.....	204 44	
J. C. Richards.....	Medicines	12 90	
	Carried forward	337 59	10,642 79

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

		\$ cts.	\$ cts.
Brought forward.....		337 59	10,642 79
<i>Yarmouth Hospital—Concluded.</i>			
J. N. LeCain.....	Cleaning patient	5 00	
W. H. Moody.....	Board, 2 days, at \$1.....	2 00	
Western Counties R'y....	Conveyance.....	3 50	
			348 09
<i>Miscellaneous.</i>			
Intercolonial Railway....	Conveyance of sick seamen.....		9 12
			11,000 00
DISTRESSED AND SHIPWRECKED SEAMEN.			
<i>Conveyance and Subsistence.</i>			
J. R. Hire.....	2 men ex "Kate"	12 41	
John Troop.....	1 man ex "Phoenix"	5 60	
E. Atwood.....	do "Corinne"	1 09	
Gilbert Shaw.....	4 men ex "Emma"	17 52	
Sailors' Home.....	1 man ex "Dominion"	4 70	
do.....	do "Corinne"	2 72	
do.....	do "P. Walsh"	3 62	
do.....	do "Maria"	4 50	
do.....	3 men ex "Alice May"	8 16	
do.....	1 man ex "Artos"	5 73	
do.....	5 men ex "Kezia"	15 20	
Hugh Wylie.....	4 do "Carnira"	8 76	
J. Morrissey.....	1 man ex "Clyde"	3 65	
J. Mooney.....	do "Avon"	3 65	
J. P. Kinney.....	Crew ex "Adna"	36 00	
C. W. Clements.....	3 men ex "Bessie Curry"	20 81	
do.....	do "Olio"	4 38	
do.....	4 do "A. M. Payne"	5 84	
Seih Nickerson.....	2 do "Brothers"	4 00	
Randal Wolf.....	4 do "Varuna"	18 98	
T. C. Roberts.....	3 do "Lavenia Elizabeth"	12 00	
R. McDonald.....	4 do "Guelph"	51 15	
Wm. Richardson.....	4 do "Alice May"	8 76	
J. N. Hurst.....	5 do "Guelph"	36 50	
D. McDonald.....	Crews ex "Kezia" and "J. W. Mullock"	18 76	
D. McDonald.....	3 men ex "Alice"	7 59	
R. Carruthers.....	1 man ex "Artos"	2 92	
D. Murray, jun.....	Crew ex "Angus Grant"	51 00	
do.....	2 men ex "Mary Alice"	9 30	
Ed. Burrell.....	3 do "E. Smith"	7 67	
S. Cunard & Co.....	1 man.....	1 46	
S. R. Giffin.....	2 men ex "Oread"	10 00	
Wm. Morris.....	1 man ex "Lorne"	6 21	
Fishwicks Express.....	2 men ex "Kate"	7 00	
do.....	1 man ex "Maggie Glen"	4 75	
do.....	do "Augustus Muir"	4 25	
do.....	do "Alpha"	3 75	
S. O. Crowell.....	3 men ex "Lorne"	21 90	
do.....	2 do "Ocean"	11 68	
do.....	1 man ex "Kildonan"	5 84	
D. Sargent.....	4 men ex "Augustus Smith"	16 06	
W. A. Warren.....	1 man ex "Dottie"	2 92	
F. D. Corbett.....	do "A. C. Memac"	9 75	
M. Bourinot.....	3 men ex "Queen of East"	15 00	
Carried forward.....		513 61	

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NOVA SCOTIA—*Concluded.*

		\$ cts.	\$ cts.
	Brought forward	513 61	.....
	<i>Conveyance and Subsistence—Concluded.</i>		
G. Dunn	1 man ex "Orange Grove"	4 50	
W. Crowell	do "Premier"	2 92	
aml. Starwood	2 men ex "Geo. Calhoun"	2 92	
do	1 man ex "Jas. Watson"	1 46	525 41
	<i>Subsistence.</i>		
McDonald	Crew ex "Erin"	25 00	
D. Castonguay	4 men ex "Guelph"	5 17	
McDonald	5 do "Keria"	1 50	
Sailors' Home	1 man ex "Loughurst"	4 80	
do	3 men ex "J. W. Mulloch"	1 80	
do	5 do "Guelph"	5 00	
do	1 man ex "L. A. Martiney"	1 20	
do	do "C. A. Mema"	6 50	
Albert Blehr & Co	Crew ex "Ethel Blanche"	25 20	76 17
	<i>Conveyance.</i>		
A. Tory	3 men ex "Ripple"	20 00	
Murray, jun.	3 do "M. E. Banks"	8 00	
Sailors' Home	9 do "Guelph"	85 68	
C. Railway	1 man ex "Enemain"	2 28	
Conan & Davies	5 men ex "I. N. A."	7 50	
A. Forbes	6 do "Alpheta"	22 80	
W. Young	2 men Canso to Halifax	9 50	155 76
	<i>Clothing.</i>		
Sailors' Home	2 men ex "Kate"	28 00	
do	5 do "Guelph"	29 75	
do	1 man ex "L. A. Martiney"	6 50	
H. Moody	Crew ex "Yarmouth"	110 00	174 25
	<i>Subsistence, Conveyance, Clothing.</i>		
McDonald	2 men ex "Oread"	23 40	
G. Hamilton	Crew ex "Ethel Blanche"	48 41	71 81
	<i>Miscellaneous.</i>		
Major F. Fereday	Services to survivors crew SS. "Daniel Steinman," at Sambro Island		3 02
	Total		1,036 42

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NEW BRUNSWICK.

	MARINE HOSPITALS.	\$ cts.	\$ cts.
	<i>Bathurst.</i>		
Jas. Lusk	Boarding seamen, 484 days, at 50c.....	242 00	
do	10 galls. oil, \$4; grate and iron work, \$4; repairs to stove, 50c.....	8 50	
do	Fuel and oil	47 75	
Dr. G. W. Duncan	12 months salary as Physician	100 00	
do	Medicine	23 75	
H. & H. A. McCullough	Lime, glue, whitewash and blankets.....	34 47	
H. J. O'Brien	Printing blank forms	2 50	
John Ferguson.....	Commission on \$471.97, \$47.20; cash advance to seamen, \$13.....	60 20	
			519 17
	<i>Dalhousie.</i>		
Wm. Montgomery.....	Medical attendance and board.....		50 80
	<i>Kent.</i>		
W. A. Barnes	12 months salary as Keeper	300 00	
L. B. Botsford	do Physician.....	560 00	
Rev. Jas. Spencer.....	do Chaplain	100 00	
W. S. Harding.....	do Physician at Pest-house.....	100 00	
Gas Light Co.....	12 months gas bill	163 04	
Campbell & Ellis.....	Stovepipe and labour	29 89	
John Chaloner.....	Drugs and medicine	64 46	
W. A. Barnes.....	Boarding seamen, 688 weeks and 1 day, \$2,065.07; housing coal, \$40.50	2,105 19	
D. F. Coleman	Removing eye of seaman	10 00	
F. Beverley.....	Tinware	31 45	
A. C. Smith	Water rates	66 00	
"Sun" Publishing Co	Subscription to paper and advertising.....	10 00	
M. N. Powers.....	Hearse hire	6 00	
Daniel Rogan.....	Repairing wall	6 00	
R. P. McGivern	Coal—19½ chaldron coal, at \$6.10, \$118.95; 28 tons and 898 lbs., at \$6, \$170.64; cartage, \$13 30.....	302 89	
Geo. Wilson.....	Cordwood and carting	73 80	
Jardine & Co.....	Groceries	16 84	
A. C. Bowes & Co.....	Stovepipe and repairs	8 85	
Jas. Bell.....	Repairing sashes	52 60	
Robt. A. Moore.....	Labour putting on sashes	20 00	
S. McDiarmid.....	Drugs and medicine	111 24	
H. Robertson	Crockery ware	4 00	
L. McLaren	Consultation fee	5 00	
Barnes & Co	Stationery	9 95	
Armstrong Bros	Casting	1 00	
St. John Rural Cemetery.	Labour	43 00	
Macauley Bros & Co	Table cloth and towels	12 42	
John Carson.....	Removing ashes	2 50	
Bridget McAuley.....	Cleaning hospital	5 10	
Catherine Doherty.....	do	4 00	
			4,226 22
	<i>Miramichi.</i>		
John Gallagher.....	Boarding seamen, 729 days, at 40c. per day.....	291 60	
do	do 847 days, at \$3 per week	358 92	
do	Firewood, coal, cleaning hospital and oatmeal.....	110 16	
John Thompson	9 months salary as Physician.....	300 00	
	Carried forward	1,060 68	4,796 19

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF NEW BRUNSWICK—Continued.

		\$ cts	\$ cts.
	Brought forward	1,060 68	4,796 19
	MARINE HOSPITALS—Continued.		
	Mirymichi—Concluded.		
S. Benson.....	3 months salary as Physician.....	100 00	
John Gallagher.....	12 do Keeper.....	181 94	
as. Doyle.....	Coffin and funeral expenses.....	14 00	
Mr. Masson.....	Carting coal and matches.....	77 16	
eo. Mitchell.....	Building fence.....	85 00	
as. A. Fish.....	35 cedar posts, at 20c. each.....	7 00	
7. & J. Anslow.....	Printing forms.....	7 75	
L. Street.....	Medicine.....	54 28	
B. Barker & Sons.....	Drugs.....	86 33	
B. D. F. McKenzie.....	Medicine.....	52 85	
Robert Bain.....	2 bed pans.....	4 00	
7. S. Loggie.....	Feeding bottles.....	0 75	
			1,731 74
	Richibucto.		
W. Doherty.....	12 months salary as Physician.....	200 00	
do.....	Medical attendance.....	4 00	
Lize E. Rhodes.....	12 months salary as Matron.....	150 00	
do.....	Straw.....	3 00	
do.....	Boarding seamen, 20 weeks and 1 day, at \$3.....	60 43	
			417 43
	Shediac.		
Joseph A. Leger.....	12 months salary as Physician.....		200 00
	Sackville.		
Isaac Crocker.....	12 months salary as Keeper.....	150 80	
do.....	Burying seamen.....	8 35	
do.....	Repairing window.....	1 00	
do.....	Boarding seamen, 35 weeks and 5 days, at \$3 per week.....	106 83	
B. Botsford.....	9 months salary as Physician.....	112 50	
E. Hickey.....	Room paper and towels.....	5 01	
John Ford.....	Furnishing coffin.....	2 25	
B. B. Estabrook.....	1 bottle brandy.....	1 10	
I. S. Trueman.....	Medical attendance.....	34 00	
			421 04
	St. Andrews.		
Charlotte Coates.....	Oil and towels.....	1 85	
do.....	Cutting cordwood.....	5 20	
do.....	do.....	2 50	
do.....	6 months salary as Matron.....	104 00	
T. Gove.....	Postage, stationery and cordwood.....	24 28	
do.....	12 months salary as Physician.....	200 00	
do.....	3 months salary for Matron.....	52 00	
do.....	Paint, oil, paraffine and repairs.....	7 75	
do.....	Coal, lumber and paper.....	51 76	
Charlotte Coates.....	75 weeks and 1 day boarding seamen.....	113 56	
Ellen McCurdy.....	3 months salary as matron.....	52 00	
Thos. McCracken.....	Labour painting.....	35 00	
Street & Co.....	Paint and oil.....	53 48	
	Carried forward	705 38	7,566 40

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Continued.*

PROVINCE OF NEW BRUNSWICK—*Continued.*

		\$ cts.	\$ cts.
	Brought forward	705 38	7,566 40
	MARINE HOSPITALS— <i>Continued.</i>		
	<i>St. Andrews</i> —Concluded.		
E. S. Polleys	Paint and putty	11 50	
Jas. Scallion	Cordwood and truckage	8 80	
John Browarigg	Carting coal	2 00	
Robinson & Glenn	Hard coal	48 74	
			776 42
	<i>Moncton.</i>		
R. R. Steevens	Medical attendance on John Burnett		100 00
	<i>Campbellton.</i>		
Victor J. A. Venner	Medical attendance		18 25
			8,461 07
	SHIPWRECKED AND DISTRESSED SEAMEN.		
J. S. May	Clothing for seamen, "A. B. Baxter" and "Adria"	28 00	
Stephen Duene	Passage of 2 seamen, "Barbadoes"	14 40	
Robt. Brown	Boarding seamen, "A. B. Baxter"	8 00	
F. E. Hannington	Passage of seamen to Charlottetown	8 56	
W. J. O'Brien	do "Adelaide"	28 02	
L. Fossard	Medical attendance	17 00	
T. Blanchard	Boarding Daniel Peeples	20 00	
Eugene Blanchard	Coffin for do	4 00	
Blair Carter	Passage of seamen to St. John	27 59	
Robt. Rivers	Boarding 6 seamen	17 00	
J. F. Watson	Passage of 2 seamen from Boston	9 36	
D. Bridges	Boarding 2 seamen	7 50	
F. Pheasant	Passage of seamen	6 90	
R. C. Ruddick	Attendance and passage, seaman Tufts	25 50	
R. Steeves	do do Martell	50 00	
Robt. Godfrey	Boarding seaman Martell	22 35	
E. C. Cole	Clothing do	8 25	
P. S. Enman	Medicine do	12 50	
F. E. W. Pouliot	Medical attendance and medicine	48 50	
D. W. Smith	Passage of seamen "Bgte. Sea Breeze"	10 50	
Geo. Philps	do	26 71	
Mrs. S. McFadden	Boarding seamen	7 00	
F. McInnis	Passage of 4 seamen	13 00	
T. Wooster	Clothing and passage of seamen "Ssa Breeze"	81 90	
Albert Day	32 days sustenance, Milton Barnes	11 52	
W. J. S. Leasse	Boarding seamen, steamer "City of St. John"	40 20	
H. W. Chisholm	Passage of 2 seamen to Boston	6 50	
E. Harris	do St. John	12 25	
			572 92

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—Continued.

PROVINCE OF PRINCE EDWARD ISLAND.

		\$ cts.	\$ cts.
<i>Charlottetown.</i>			
The Grey Nuns.....	12 months allowance for medical attendance	400 00	
do	Boarding 17 patients 42 weeks at \$5.00.....	210 00	
			610 00
<i>OUTPORTS, P.E.I.</i>			
Dr. R. McNeil.....	Medical attendance, New London	10 75	
Dr. Freeman	do Crapaud	3 00	
Dr. W. H. Robertson.....	do do	52 00	
G. McDonald.....	12 months salary as Keeper, Souris	200 00	
do	Boarding sick seamen 6 weeks and 9 days at \$3.00, Souris	20 50	
Dr. E. P. Ford.....	Medical attendance, Souris	42 75	
Matthew, McLean & Co.	Repairs to chimney do	21 37	
Dr. H. F. Jarvis.....	12 months salary, Summerside.....	150 00	
A. Gourlie.....	Medicine do	4 00	
B. Schurman.....	Boarding sick seamen do	5 00	
A. McCallum.....	Medicine, Montague.....	23 78	
Dr. J. G. Robertson.....	Medical attendance, Montague.....	5 00	
Dr. A. A. Long.....	do Port Hill	9 00	
Dr J. C. McEwan.....	do Georgetown	19 48	
Hilchey.....	Boarding sick seamen 5 weeks and 4 days at \$3.00.	17 00	
Dr. W. Kerr	Medical attendance, Malpéque.....	3 25	
			592 46
<i>SHIPWRECKED AND DISTRESSED SEAMEN.</i>			1,202 46
Simon Bolger	Boarding 5 men 1 day.....	3 75	
M. Foley	Passage do	20 00	
			23 75

PROVINCE OF BRITISH COLUMBIA.

		\$	cts.
<i>MARINE HOSPITALS.</i>			
Wood.....	12 months salary as Keeper.....	\$ 499 92	
do	Boarding 99 patients 244 weeks and 5 days at 5.00.....	1,223 50	
do	Washing, etc.....	94 00	
			1,817 42
C. C. Davis, M.D.....	12 months salary, Victoria.....	300 00	
F. Lawrence.....	15 loads of water.....	22 50	
Thos. Storey.....	Burial, J. Thompson and P. Nelson.....	70 00	
Chas. Hayward.....	do J. Yates.....	35 00	
Langley & Co.....	Drugs, etc.....	56 50	
Sisters of St. Ann.....	Board, etc., A. Churchill, ex "Miako".....	156 84	
De Wiederhold & Co.....	1 ton coal.....	2 50	
S. L. Kelly & Co.....	Coal hod, etc.....	3 50	
J. Smith.....	Cleaning chimneys	3 50	
Hell & Co.....	Brandy.....	39 50	
J. Weiler.....	Chairs, mattresses, etc.....	25 00	
A. & W. Wilson.....	Repairs to water pipes, etc.....	12 50	
Brown & Wilson.....	Sheeting, blankets, etc.....	67 25	
G. B. Marvin.....	Paint, brooms, etc.....	19 20	
H. Saunders.....	Brandy.....	3 75	
A. H. Peatt, jun.....	5 cords wood, cut and split.....	32 50	
Geo. Stelly.....	Making road, as per agreement	390 00	

Carried forward.....

STATEMENT of Expenditure on account of Marine Hospitals, Sick and Disabled Seamen, etc.—*Concluded.*

PROVINCE OF BRITISH COLUMBIA—*Continued.*

		\$ cts.	\$ cts.
	Brought forward		
	MARINE HOSPITALS— <i>Concluded.</i>		
T. N. Hibben & Co.....	Stationery	2 75	
McKillican & Anderson..	Material and labour on repairs.....	98 20	
R. Dunsmuir & Son.....	20 tons coal	90 00	
D. Cluness, M.D.....	12 months salary, Medical Officer, Nanaimo.....	300 00	
Sec'y Nanaimo Hospital	Board, etc., C. Arleson, ship "Two Brothers".....	125 76	
A. Masters, M.D.....	Medical attendance, Nov. and Dec., 1881, and Jan., 1882, Burrard's Inlet.....	\$122 50	
do	Salary, 1st July, to 31st December, 1884... 175 00		
		297 50	
D. B. Irving, M.D.....	do 1st April to 30th June, 1884.....	87 50	
Dr. Garrow	do 10th January to 1st April, 1884.....	79 02	
			4,048 19

SUMMARY.

Ontario.....	St. Catharines Hospital—Annual Grant.....	500 00	
do	Kingston do do	500 00	1,600 00
Quebec.....	Montreal General Hospital.....	1,174 50	
do	Sick and Disabled Seamen.....	1,357 00	
do	Shipwrecked and Distressed Seamen.....	621 19	3,069 93
Board of Trade, London.	To re-imburse Imperial Government for expenditure in behalf of wrecked Canadian Seamen...		918 56
New Brunswick	Marine Hospital and Sick Seamen.....	11,000 00	
do	Shipwrecked and Distressed Seamen.....	1,006 42	12,006 42
Nova Scotia.....	Marine Hospitals and Sick Seamen.....	8,461 07	
do	Shipwrecked and Distressed Seamen.....	572 92	9,033 99
Prince Edward Island...	Marine Hospitals and Sick Seamen.....	1,202 46	
do	Shipwrecked and Distressed Seamen	23 75	1,226 21
British Columbia....	Marine Hospitals and Sick Seamen.....		4,048 19
Quebec.....	Marine and Immigrant Hospital.....	20,000 00	
	LESS—Refund	9 66	
			19,990 34
Queen's Printer.....	Stationery and Printing.....		15 24
	Total.....		51,391 64

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 19

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Sick Mariners' Dues collected, for the Fiscal Year ended 30th June, 1884.

<i>Quebec.</i>	\$ cts.	<i>Nova Scotia.</i>	\$ cts.
Gaspé.....	121 82	Amherst	485 92
Magdalen Islands.....	4 84	Annapolis	207 34
Montreal.....	2,970 28	Antigonish.....	30 42
New Carlisle.....	222 84	Arichat.....	120 32
Percé.....	49 96	Baddeck.....	83 94
Quebec.....	11,584 64	Barrington.....	17 44
Rimouski.....	268 30	Bridgetown.....	8 22
St. Armand.....	5 10	Cornwallis.....	41 12
St. Johns.....	1,724 48	Digby.....	184 26
Stanstead.....	18 50	Guysboro'.....	133 72
Three Rivers.....	397 72	Halifax.....	6,040 22
Total.....	17,368 48	Liverpool.....	118 56
		Lockeport.....	119 86
<i>New Brunswick.</i>		Londonderry.....	57 50
Bathurst.....	495 42	Lunenburg.....	414 05
Campo Bello.....	25 66	Margaretville.....	8 40
Caraquet.....	102 60	North Sydney.....	1,461 80
Chatham.....	1,805 44	Parissboro'.....	555 56
Dalhousie.....	546 58	Pictou.....	751 68
Dorchester.....	64 11	Port Hawkesbury.....	79 80
Hillsboro'.....	250 68	Port Hood.....	2 76
Moncton.....	53 60	Port Medway.....	18 16
Newcastle.....	1,578 66	Shelburne.....	100 46
Richibucto.....	426 70	Sydney.....	3,726 78
Sackville.....	156 22	Weymouth.....	99 30
Shediac.....	172 94	Windsor.....	1,096 36
Shippegan.....	5 37	Yarmouth.....	256 38
St. Andrews.....	49 50	Total.....	16,220 33
St. George.....	17 94		
St. John.....	5,240 08	<i>British Columbia.</i>	
St. Stephens.....	47 14	New Westminster.....	750 31
Total.....	11,038 64	Victoria.....	2,604 85
		Total.....	3,355 16
		<i>Prince Edward Island.</i>	
		Charlottetown.....	570 34
		Summerside.....	114 12
		Total.....	684 46

RECAPITULATION.

Quebec.....	\$17,368 48
New Brunswick.....	11,038 64
Nova Scotia.....	16,220 33
British Columbia.....	3,355 16
Prince Edward Island.....	684 46
Total.....	48,667 07

F. GOURDEAU,
Acting Accountant.

WM. SMITH,
Deputy Minister of Marine.

APPENDIX No. 20

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with the Meteorological Service, for the Fiscal Year ended 30th June, 1884.

SALARIES.		\$ cts.	\$ cts.
<i>Central Office.</i>			
C. Carpmæl	12 months allowance for house rent	400 00	
A. R. Gordon	12 months salary as Deputy Superintendent	1,200 00	
H. V. Payne	do Assistant	800 00	
R. F. Stupart	do do	800 00	
B. C. Webber	do do	800 00	
F. F. Payne	do do	550 00	
G. F. Hector	do do	550 00	
R. F. Smyth	do do	575 00	
J. Young	do do	630 00	
J. W. Carroll	do do	300 00	
W. A. Stewart	do do	500 00	
T. Menzies	do do	300 00	
W. F. Davison	do do	470 00	
J. Lowther	Salary from 1st Sept., 1883, to 30th April, 1884	104 00	
D. Murray	12 months salary	174 00	
J. L. Kinsman	Salary from 1st July, 1883, to 7th June, 1884	162 75	
E. Davis	12 months salary	126 00	
C. E. McGuire	Salary from 1st to 31st July, 1883	10 00	
H. Hawthorne	12 months salary	126 00	
R. Teasdale	Salary from 1st August, 1883, to 6th Dec., 1883	42 00	
F. N. Denison	do 1st Dec., 1883, to 30th June, 1884	76 00	
Wm. Jno. Hetherington	do 1st to 30th June, 1884	10 00	
Alfred Mandelsloh	do 20th to 30th June, 1884	4 00	
			8,739 75
<i>Chief Stations.</i>			
Halifax	A. Allison, \$100, assistance, \$340	740 00	
Sydney	Thos. C. Hill, \$500 do 220	720 00	
Fredericton	Thos. Harrison, \$340 do 260	600 00	
St. John, N.B.	Geo. Hutchinson, 12 months salary	999 99	
do	J. Drake do	579 98	
Quebec	Col. W. H. Cotton do	800 00	
do	Thos. Heatley do	210 00	
do	A. H. Walters, salary from 1st Jan., to 30th June, 1884	75 00	
Montreal	C. H. McLeod, \$300, assistance, \$200	500 00	
Woodstock	N. Wolverton, \$240 do 160	400 00	
Winnipeg	The Bursar, St. John's College	800 00	
Regina	Officer in command N.W.M.P., salary from 1st Dec., 1883, to 30th June, 1884	70 00	
New Westminster	A. Piel, \$187 50, assistance, \$37.50, from 1st July, 1883, to 31st March, 1884	225 00	
			6,719 97
<i>Telegraph Stations.</i>			
Yarmouth	F. E. Wilmot, \$300, assistance, \$100	400 00	
Bird Rocks	T. Turbide, \$120 do 30	150 00	
Grand Manan Island	H. C. Seeley, \$120 do 30	150 00	
Chatham, N.B.	G. A. Blair, \$300 do 132	432 00	
Anticosti	G. Pope, \$120 do 30	150 00	
Father Point	J. McWilliams, \$200 do 60	260 00	
Carried forward		1,542 00	15,459 72

**STATEMENT of Expenditure in connection with the Meteorological Service,
etc.—Continued.**

		\$	cts.	\$	cts.
	Brought forward	1,542	00	15,459	72
	SALARIES.—Continued.				
	Telegraph Stations—Concluded.				
Kingston	A. P. Knight, \$300 do 132	432	00		
Port Stanley	M. Payne, \$300 do 132	432	00		
Saugeen	K. Stewart, \$300 do 100	400	00		
Parry Sound	R. Mosley, \$300, do 96	396	00		
Rockliffe	W. H. McIntyre	240	00		
Port Arthur	W. P. Cooke	120	00		
Minnedosa	Rev'd. J. M. Willwood, \$300, assistance, \$100	400	00		
Qu'Appelle	L. Gordon, \$300, assistance, \$100	400	00		
Battleford	J. S. McDonald, salary from 24th Oct., 1883, to 30th June, 1884	103	23		
Edmonton	A. Taylor, \$120, assistance, \$30	150	00		
Medicine Hat	J. Ewart, \$267.39 do 89.13, from 10th Aug., 1883, to 30th June, 1884	356	52		
	Reserve Telegraph Stations.			4,971	75
St. Andrews	S. T. Gove, 12 months salary	300	00		
Charlottetown	H. J. Cundall do	300	00		
St. John, Newfoundland	J. Higgins do	100	00		
Port Dover	H. Morgan	300	00		
London	E. B. Keed	300	00		
	Drum Stations.			1,300	00
Point Le Preaux	Geo. Thomas, 12 months salary	60	00		
Digby, N.S.	J. McDonald (July 1st, 1883, to March 31st, 1884)	37	50		
Liverpool	J. L. Hemmeon 12 months	60	00		
Halifax	Officer Commanding, R.E., 12 months	60	00		
Louisburg	W. H. Townsend do	60	00		
Cow Bay	C. Archibald do	60	00		
Little Glace Bay	C. H. Rigby do	60	00		
North Sydney	M. J. Phoran do	60	00		
Port Hastings	W. J. McKeen do	60	00		
Pictou, N.S.	M. Campbell do	60	00		
Point du Chêne	H. H. Schaefer do	45	00		
Bathurst	Hon. J. Ferguson do	100	00		
Dalhousie	H. A. Johnson do	78	00		
Percé	P. Vibert do	45	00		
Gaspé	J. Eden do	45	00		
Deseronto	Rathbun & Co. do	30	50		
Pictou, Ont.	J. A. Rawson do	30	50		
Cobourg	F. Reynolds	45	00		
Port Hope	Thos. F. Jones	45	00		
Toronto	Capt. A. Taylor	45	00		
Gibraltar Point	Geo. Durnan (July 1st to Dec. 31st, 1883)	30	00		
Port Credit	A. Blakely, 12 months	30	50		
Oakville	Thos. Howell do	30	50		
Burlington Beach	Capt. Thos. Campbell, 12 months	45	00		
Port Dalhousie	E. F. Dwyer do	45	00		
Port Colborne	D. Hughes do	45	00		
Port Burwell	G. B. McConnell do	30	50		
Amherstburg	P. H. Anderson do	31	50		
Sarnia	M. Fleming do	34	50		
Bayfield	J. Gardner do	32	00		
Goderich	G. N. Macdonald do	60	00		
Kincardine	Dr. Dewitt Martyn do	100	00		
Saugeen	Thos. Davis do	60	00		
Presqu'Isle	J. McKenzie do	105	00		
Collingwood	A. Bligh do	84	00		
Owen Sound	R. Thompson do	29	50		
Midland	E. Peplow do	29	50		
	Carried forward			1,909	00
				23,640	47

STATEMENT of Expenditure in connection with the Meteorological Service,
etc.—*Continued.*

		\$	cts.	\$	cts.
	Brought forward			23,640	47
	<i>SALARIES—Continued.</i>				
	<i>Special Stations.</i>				
Belle Isle.....	M. Colton.....	100	00	100	00
	<i>Telegraphy.</i>				
G.N.-W. Telegraph Co...	Telegrams.....	13,168	25		
C. P. Telegraph Co.....	do	459	25		
W. U. Telegraph Co.....	Battery supplies.....	55	65		
G. N.-W. Telegraph Co...	Maintaining lines.....	38	86		
The Electric Despatch Co	Messages.....	17	75		
A. Lowther.....	Salary at Central Office from July 1st, 1883, to April 30th, 1884.....	433	34		
D. O'Halaran.....	12 months salary at Central Office.....	520	90		
J. Lowther.....	Salary, central office, 1st May to 30th June, 1884...	70	00		
B. S. Jenkins.....	Special assistance at Winnipeg.....	70	00		
F. L. Jones.....	Telegraphing observations from St. John, New- foundland.....	15	49		
L. Mosley.....	Parry Sound, telegraph messenger, 12 months.....	60	00		
M. Payne.....	Port Stanley do do	20	00		
H. J. Cundall.....	Charlottetown do do	20	00		
G. A. Burnett.....	12 months salary as Agent at Buffalo.....	80	00		
J. C. James.....	Special Sunday services.....	16	00		
C. W. Drury.....	Paid operator for exchange of time.....	12	00		
				15,056	59
	<i>Instruments and Apparatus.</i>				
J. Foster.....	Instruments	1,475	47		
A. J. Henderson.....	Caligraph.....	79	00		
Thos. Dean.....	Castings.....	87	60		
Thos. McDonald.....	Rain gauges.....	70	00		
H. J. Green.....	Barometers.....	229	03		
Wm. Lewis & Son.....	Fittings to signal mast at St. John.....	23	10		
Geo. Hutchinson.....	Standard clock	300	00		
Hearn, Harrison & Co...	Bubble for level, etc.....	38	00		
Wm. Briscoe.....	Bolts and plates.....	14	35		
H. J. Cundall.....	Signal mast	78	33		
R. H. Scott.....	Instruments.....	618	67		
Rice Lewis & Son.....	Hardware.....	90	35		
A. Hilger.....	Rain-band spectroscopes.....	34	99		
Alex. Taylor, Edmonton.	Paid for thermometer.....	1	50		
McDonald, McNally & Co	Signal discs	159	00		
W. Rogers.....	1 glass reticule.....	10	00		
				3,309	44
	<i>Stationery, Books, etc.</i>				
E. Ferrel.....	Postage stamps and cards....	298	50		
J. S. Robertson.....	Postal cards	65	00		
Brown Bros.....	Stationery.....	326	35		
The Burland Lithograph- ing Co.....	Cheque book	27	50		
The Halifax Morning "Herald".....	Subscription.....	6	00		
N. Ure & Co.....	Nautical almanac	7	80		
E. Harris.....	Drawing paper.....	3	00		
Messrs. Hart & Co.....	Books, etc.....	26	00		
Trout & Todd.....	Printing.....	734	00		
Rolph, Smith & Co.....	Stationery	34	00		
Messrs. Gagen & Frazer..	Photographs	77	20		
G. E. Stechert.....	Books	9	25		
	Carried forward.....	1,614	60	42,106	50

**STATEMENT of Expenditure in connection with the Meteorological Service,
etc.—Continued.**

		\$ cts.	\$ cts.
	Brought forward	1,614 60	42,106 50
	<i>Stationery, Books, etc.—Concluded.</i>		
Moses King.....	Subscription to science.....	5 00	
J. B. Carter.....	Mounting maps.....	0 90	
Copp, Clark & Co.....	Lithographing and books.....	237 00	
The "Globe" Printing Co.....	Subscription to "Globe".....	7 00	
Kenyon, Tingley & Co.....	Stamp ribbon.....	1 50	
R. Polk & Co.....	City directory.....	3 00	
The Cobban Manufactur- ing Co.....	Frames.....	26 75	
Thos. McMahon.....	Printing.....	7 65	
Freidlander & Son.....	Book.....	2 93	
Barber & Ellis.....	Blank wrappers.....	12 50	
C. Amand.....	Subscription to Halifax "Chronicle".....	6 00	
			1,924 83
	<i>Freight, Cartage and Customs.</i>		
The Canadian Express Co	Express freight.....	203 25	
The Shedden Co.....	Freight.....	7 18	
Robinson & Heath.....	Customs brokerage.....	10 02	
The Northern and North- Western Railway.....	Freight.....	29 44	
J. Merryfield.....	Carriage of parcels.....	40 00	
J. T. Fotheringham.....	Paid for freight.....	2 60	
O. Carpmael.....	Paid freight charges, Toronto.....	83 17	
Stewart, Leeson & Scott.	Freight, N.-W. Territories.....	18 00	
L. Gordon.....	Paid freight charges at Qu'Appelle.....	2 00	
R. F. Holterman.....	do Pheasant Forks.....	6 25	
G. E. Hanwell.....	Freight charges at Qu'Appelle.....	8 00	
			409 91
	<i>Travelling Expenses.</i>		
B. C. Webber.....	Travelling expenses.....	143 95	
A. R. Gordon.....	do.....	844 70	
R. F. Stupart.....	do.....	156 15	
C. H. McLeod.....	do.....	102 93	
O. Carpmael.....	do.....	69 15	
H. V. Payne.....	do.....	14 50	
			1,331 38
	<i>Expenses at Stations.</i>		
A. Christie.....	St. John.....	63 33	
Ansley & Slaight.....	Port Dover.....	37 50	
L. Gordon.....	Qu'Appelle, N.W.T.....	28 80	
A. Bligh.....	Collingwood.....	7 00	
F. E. Wilmot.....	Yarmouth.....	32 79	
C. W. Drury.....	Quebec.....	49 50	
P. F. Rinfret.....	do.....	33 30	
H. G. Seeley.....	Grand Manan Island.....	10 70	
C. J. Macgregor.....	Stratford.....	13 34	
Clement Plante.....	Quebec.....	50 00	
G. A. Blair.....	Chatham.....	33 45	
R. Mosley.....	Parry Sound.....	20 00	
J. Boyce.....	Toronto.....	64 50	
V. Huart.....	Chicoutimi.....	10 00	
M. Payne.....	Port Stanley.....	44 00	
M. J. Phoran.....	Sydney, C.B.....	9 99	
S. T. Gove.....	St. Andrews.....	56 22	
Dr. Dewitt Martyn.....	Kincardine.....	28 86	
C. Y. Gregory.....	St. John, N.B.....	29 51	
Sarah Drake.....	do.....	18 80	
	Carried forward	641 59	45,772 62

STATEMENT of Expenditure in connection with the Meteorological Service,
etc.—*Concluded.*

		\$	cts.	\$	cts.
Brought forward.....		641	59	45,772	62
<i>Expenses at Stations—Concluded.</i>					
Simon Peters	Quebec.....		3 49		
S. Denismore	Grand Manan Island		8 60		
J. M. Wellwood.....	Minnedosa		7 50		
P. Cassidy	Cranbourne.....		15 00		
The Bell Telephone Co.....	Quebec.....		4 58		
John Hatch.....	do		85 60		
J. T. Young	Toronto.....		3 37		
B. Maringer.....	Quebec.....		8 00		
G. Seifert.....	do		0 75		
James Hunter.....	St. John, N.B.....		10 00		
J. McWilliams.....	Father Point.....		4 50		
F. Reynolds.....	Cobourg.....		3 20		
Thos. Davis.....	Saugeen.....		44 94		
Thos. F. Jones.....	Port Hope.....		1 05		
E. F. Dwyer.....	Port Dalhousie		1 48		
A. Allison.....	Halifax.....		9 30		
J. Ewart.....	Medicine Hat, N. W. T.....		26 22		
G. N. Macdonald.....	Goderich.....		12 40		
G. B. McConnell.....	Port Burwell.....		1 35		
J. S. Macdonald.....	Battleford, N. W. T.....		24 00		
J. Mackenzie.....	Presqu' Isle, Ont.....		6 72		
W. H. Townsend.....	Louisburg.....		2 55		
Thos. Howarth.....	Oakville.....		1 60		
Philip Vibert.....	Percé, P. Q.....		14 04		
Dillon Brothers.....	Halifax.....		2 00		
H. J. Cudall.....	Charlottetown.....		12 81		
P. H. Anderson.....	Amherstburg.....		1 60		
Robt. Thompson.....	Owen Sound.....		2 50		
The Bursar of St. Johns College.....	Winnipeg.....		40 05		
W. R. Butler.....	Windsor, N. S.....		6 25		
G. Wattie.....	Barrie.....		6 00		
J. Henderson.....	Collingwood		3 27		
R. Blakiston.....	Quebec.....		14 70		
M. Fleming.....	Sarnia.....		9 16		
F. Pheasant.....	St. John.....		10 96		
H. E. Smith.....	Fort Calgary.....		53 75		
Armour & Bradin.....	do		8 00		
S. J. Hogg & Co.....	do		9 91		
W. D. Reeve.....	Fort Chippawayan.....		20 00		
Alex. Begg.....	High River.....		10 00		
Lyman & Son.....	Montreal.....		8 30		
Geo. Thomas.....	Point Lepreaux		1 60		
Thos. Harrison.....	Fredericton.....		5 50		
J. Little.....	Truro, N. S.....		30 00		
H. B. Spotton.....	Barrie.....		4 00		
Wm. McBride.....	Stratford		16 70		
W. M. Herchmer.....	Regina, N. W. T.....		30 00		
W. Frost.....	Chatham, N. B.....		12 00		
Gas Light Company.....	St. John, N. B.....		5 85		
Louis Fusk.....	Quebec.....		69 75		
W. J. Clark.....	Trenton.....		6 35		
				1,342	84
<i>Miscellaneous.</i>					
Consumers' Gas Co.....	Gas.....		81 24		
Wm. Menzies.....	Carpentering.....		554 20		
W. R. Dossor.....	Sweeping flues.....		2 00		
H. A. Collins.....	Oil, etc.....		118 23		
Lyman, Sons & Co.....	Chemicals.....		51 29		
H. V. Payne.....	Midnight "Probabilities".....		125 75		
J. P. Wagner.....	Lumber, etc.....		125 93		
Carried forward		1,058	64	47,115	46

**STATEMENT of Expenditure in connection with the Meteorological Service,
etc.—Concluded.**

		\$ cts.	\$ cts.
	Brought forward.....	1,053 64	.....
	<i>Miscellaneous—Concluded.</i>		
J. M. Orr.....	Special assistance at Central Office.....	26 66	
R. F. Stupart.....	Midnight "Probabilities"	121 00	
L. P. Roy.....	Copying records at Washington.....	14 00	
T. G. Foster.....	Office chair	7 00	
John Kay.....	do carpet.....	71 06	
J. Bennyworth.....	Attending to Island anemometer	20 00	
J. Merryfield.....	Rent and cleaning of rooms.....	48 00	
C. Carpmæl.....	Petty expenses	37 70	
P. Burns.....	Coal and wood	183 00	
C. H. McLeod.....	Consular certificate	6 90	
Bond & Son.....	Hire of chronometer	17 25	
J. Merryfield.....	Scrubbing offices	36 00	
B. C. Webber.....	Midnight "Probabilities"	122 00	
Bell Telephone Co.....	Rent.....	57 50	
The "Sun" Publishing Co.....	Advertising.....	2 50	
F. Lemieux.....	Copying "Probabilities"	18 00	
W. J. Hughes.....	Stone hearths and masonry.....	40 10	
The Map and School Supply Co.....	Mounting maps.....	3 75	
John J. Foote.....	Advertising.....	25 00	
F. L. Blake.....	Special assistance	201 00	
Geo. Ringham.....	Iron eave-trough.....	13 21	
W. H. Vandersmissen.....	Translations.....	17 00	
J. Steuart.....	Office chairs.....	7 20	
Water Works Department, Toronto.....	Water.....	45 00	
R. Smyth.....	Extra services.....	37 00	
			2,236 47
Jehn Black & Co.....	Instruments £30 8 6.....		49,351 93
Queens' Printer.....	Stationery, printing, etc.....		148 07
			660 73
			50,180 73

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 21

To the Sixteenth Annual Report of the Department of Marine and Fisheries,
being Statement of Expenditure on account of Magnetic Observatories
in the Dominion, for the Fiscal Year ended 30th June, 1884.

TORONTO OBSERVATORY.

			\$	cts.	\$	cts.
C. Carpmael	12 months salary as Director	\$1,952 00				
do	do superannuation tax	48 00				
			2,000	00		
Thos. Menzies	do salary as Observer	533 24				
do	do superannuation tax	6 76				
			540	00		
W. A. Stewart	do salary as Observer	533 24				
do	do superannuation tax	6 76				
			540	00		
W. F. Davison	do salary as Observer	533 24				
do	do superannuation tax	6 76				
			540	00		
J. Merryfield	do salary as Messenger		300	00		
James Young	Special Sunday and night service		50	00		
G. M. Whipple	Instruments		99	71		
Thomas Menzies	House rent		150	00		
W. A. Stewart	Expenses in moving		29	50		
The Consumers Gas Co.	Gas		215	92		
J. A. Macdonnell	Professional services		114	80		
J. E. Berkely Smith	Rent of Observer's cottage		90	00		
W. A. Stewart	House rent		112	50		
Wm. Menzies	Carpentering		108	00		
R. Polk & Co.	Directory		3	00		
Brown Bros.	Stationery and binding		12	00		
Rice Lewis & Son	Nails		15	77		
Hart & Co.	Pens		4	00		
A. Kleiser	Cleaning and repairing chronometer		6	00		
L. Plumberg	Window panes		1	60		
James Foster	Iron bars		1	85		
Canadian Express Co.	Freight		3	80		
Geo. Ringham	Zinc work, etc.		14	68		
J. E. Berkely Smith	Water rates		9	90		
Copp, Clark & Co.	Printing forms		13	00		
E. Stechert	Books		4	65		
E. W. Maunder	Subscription to "Observatory"		3	51		
T. Eversfield	Distilled water		3	00		
P. Burns	Coal and wood		83	50		
Thos. Menzies	Extra night service on term day		25	00		
W. A. Stewart	do do		25	00		
W. F. Davidson	do do		25	00		
A. Hilger	Instruments		92	47		
					5,238	16

MONTREAL OBSERVATORY.

W. C. Bayne, B.A., Secretary	Annual grant to McGill University Observatory	500 00
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STATEMENT of Expenditure on account of Magnetic Observatories—*Con.*

KINGSTON OBSERVATORY.

Professor Williamson.....	Annual grant to Kingston Observatory	500 00
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RECAPITULATION.

	\$	cts.	\$	cts.
Meteorological Service	50,160	73		
Magnetic Observatory, Montreal	500	00		
do Kingston	500	00		
do Toronto	5,238	16		
			56,398	89

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 22.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure for the Removal of Obstructions in Navigable Rivers, for the Fiscal Year ended 30th June, 1884.

		\$	cts.	\$	cts.
Capt. P. A. Scott.....	Examining wharf at St. Andrews	11	10		
W. Laplante.....	Blasting and removing boulders at entrance of Elm Tree Harbour	8	00		
J. D. Silcox	Amount in full for removal of wreck "Gilder- sleeve"	300	00		
"Quotidien"	Advertising for tenders for removal of obstructions in River du Loup Harbour.....	2	30		
"L'Evenement"	do do do ...	2	30		
"Canadien"	do do do ...	2	30		
"Cultivateur"	do do do ...	2	30		
"Petit Journal"	do do do ...	2	30		
"Nouvelliste"	do do do ...	2	30		
"Daily Telegraph"	do do do ...	2	30		
"Budget"	do do do ...	2	30		
A. Côté et Cie.....	do do do ...	2	30		
"Morning Chronicle"	do do do ...	2	30		
Queen's Printer.....	Printing, stationery, etc.....			342	10
				0	66
				342	76

WM. SMITH,
Deputy Minister of Marine.

F. GOUDREAU,
Acting Accountant.

APPENDIX No. 23

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of the Expenditure on account of Signal Service, for the Fiscal Year ended 30th June, 1884.

		\$ cts.	\$ cts.
H. J. McHugh.....	12 months salary as Inspector.....	720 00	
do	Allowance for board.....	68 67	
do	Travelling expenses	219 61	
J. E. LeBourdais.....	Annual allowance for reporting for 1883, L'Islet...	50 00	
A. Richard.....	do do Brandy Pot.....	50 00	
L. T. Puize	do do Rivière du Loup..	50 00	
J. McWilliams.....	do do Father Point.....	50 00	
Jules Martin.....	do do Little Métis.....	50 00	
P. Desjardins.....	do do Matane.....	50 00	
T. Côté	do do Cape Chatte	50 00	
J. Gauthier.....	do do Martin River	50 00	
G. Levesque.....	do do Cape Magdalen...	50 00	
James Ascah.....	do do Fame Point.....	50 00	
A. Trudeau.....	do do Cape Rosier.....	50 00	
John Beck.....	do do Cape Despair.....	50 00	
A. Bertrand	do do Point Macquereau	50 00	
R. Rennie.....	do do Cape Ray.	50 00	
John Corry.....	do do Cape Race.....	50 00	
Postmaster, Quebec.....	Postage, supplements from Spottiswood	40 69	
J. Kaine	Cartage.....	2 00	
Beaudet & Chénic.....	Rope, &c.....	11 70	
Dawson & Co.	Stationery, etc.....	7 90	
J. Overy.....	Cartage.....	8 00	
John G. Peters.....	Putting up flagstaff at Low Point.....	3 00	
do	Annual allowance for reporting, 1883, at Low Point	50 00	
Joseph Wilson.....	do do	50 00	
F. T. Thomas.....	Toilet set and jug.....	4 49	
L. T. Puize.....	Signal mast, Rivière du Loup.....	4 35	
James Wilson.....	Paid for advertising signals, from 1st January to		
do	30th September.....	75 00	
A. Mills.....	Repairs to flag.....	12 75	
N.-W. Telegraph Co.....	Spyglass.....	16 00	
B. Batson.....	Telegrams.....	3,578 12	
J. U. Gregory.....	2 consolidated telephones.....	248 50	
do	Paid for oil, turpentine and rope, \$88.50; rigging		
do	iron work, \$40.....	128 50	
Audet & Robitaille.....	Pay-list of employees, Father Point.....	75 95	
E. Pope.....	Halyards, wire rope, &c.....	15 26	
H. Shives.....	Instruments	68 00	
H. C. Seeley.....	Telegraph poles.....	41 25	
T. B. Barkes.....	Freight do	13 30	
A. Christie & Co.....	Raw oil.....	1 50	
J. R. Cameron	Sashes, night latch, &c	10 50	
Spottiswood & Co.....	Oil.....	7 13	
Bell Telephone Co.....	Code-lists.....	25 16	
Postmaster, Ottawa.....	6 months rent.....	18 00	
"Morning Chronicle".....	Paid order for books and flags.....	4 00	
R. Barbour.....	Subscription.....	7 00	
J. Sullivan.....	Painting flagstaffs.....	24 00	
W. Lewis & Son	Lowering and raising masts.....	40 00	
C. T. Gregory.....	Rope ladder, &c	62 00	
H. C. Seeley.....	Twine, paraffine, &c.....	3 15	
Canadian Express Co.....	Telephonic communication.....	88 09	
F. Gunn.....	Charges on books.....	4 13	
S. J. Shaw & Co.....	Rope.....	8 00	
Queen's Printer.....	Fairbanks balance.....	12 00	
	Printing and stationery.....		6,525 73
			178 44
			6,704 17

F. GOURDEAU,
Acting Accountant.

WM. SMITH,
Deputy Minister of Marine.

APPENDIX No. 24

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Expenditure in connection with Hudson's Bay Expedition, for the Fiscal Year ended 30th June, 1884.

		\$ cts.	\$ cts.
A. R. Gordon	On account travelling expenses	190 75	
C. R. Tuttle.....	do salary	50 00	
Jos. Wood.....	Expenses to and from New York, telegraphing, etc	50 00	
G. N.-W. Telegraph Co.	Cablegrams	10 75	
Canada Atlantic Ry.....	Charts	10 48	
John Black	Transit	168 71	
			480 69

WM. SMITH,
Deputy Minister of Marine.

F. GOUDREAU,
Acting Accountant.

APPENDIX No. 25

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement of Amount of Collections and Expenditure on account of Harbour Improvements, collected at the undermentioned Ports at which Tonnage Dues have been imposed by Proclamation, for the Fiscal Year ended 30th June, 1884.

COLLECTIONS.

Quebec.

Amherst and House Harbours, Magdalen Islands.....	Nil.
Cape Chatte	\$ 105 48

New Brunswick.

Richibucto	717 24
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Nova Scotia.

Ingonish	\$ 32 74
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Total.....	\$ 855 46
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EXPENDITURE.

Nova Scotia.

Ingonish	\$ 759 82
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New Brunswick.

Richibucto.....	1,000 00
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Total.....	\$1,759 82
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WM. SMITH,
Deputy Minister of Marine.

F. Gourdeau,
Acting Accountant.

APPENDIX No. 26

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being Revenue derived from Wharves and Piers, paid to credit of Receiver-General, for the Fiscal Year ended 30th June, 1884.

Cow Bay, Nova Scotia.....	\$2,332 21
Digby do	645 26
Maitland do	22 69
Meteghan River do	154 40
Oak Point do	27 93
Goderich, Ontario (R. P. Bearman).....	\$565 00
Goderich do (J. Williams)	187 50
	<hr/>
Rondeau do	752 50
	2 73
	<hr/>
	\$3,937 72
Add—Remitted by Wharfinger at Maitland after close of accounts for fiscal year of 1883...\$	5 77
Remitted by Wharfinger at Oak Point after close of accounts for fiscal year of 1883...	105 00
Remitted by Wharfinger at Brooklyn after close of accounts for fiscal year of 1883...	4 96
	<hr/>
	115 73
	<hr/>
Total.....	\$4,053 45

WM. SMITH,
Deputy Minister of Marine.

F. Gourdeau,
Acting Accountant.

APPENDIX No. 27

the Seventeenth Annual Report of the Department of Marine and Fisheries, being Statement showing the Names of Members of the Establishment Staff of the Department of Marine and Fisheries, the Rank held by each, and the salary they severally received, during the Fiscal Year, ended 30th June, 1884.

whom Paid.	Rank.	Period.	Amount.
			\$ cts.
A. W. McLelan.	Minister	12 months.....	7,000 00
Sam Smith.....	Deputy Minister.....	do	3,200 00
Whitcher.....	Commissioner of Fisheries.....	3 do to 30th Sept, 1883.....	600 00
Hardie.....	Chief Clerk.....	12 do	2,350 00
Tilton.....	do and Accountant.....	do	2,350 00
Bauset.....	1st Class Clerk.....	do	1,800 00
Magee.....	do	do	1,800 00
Anderson.....	do and Engineer.....	do	1,650 00
Gourdeau.....	do	do	1,500 00
Alexander.....	2nd Class Clerk.....	do	1,150 00
Venning.....	do	do	1,150 00
Makinson.....	do	do	1,150 00
McElhinney.....	do	do	1,125 00
Oxley.....	3rd Class Clerk.....	do	1,000 00
Carleton.....	do	do	875 00
Halkett.....	do	do	875 00
Stumbles.....	do	do	850 00
Owen.....	do	do	837 50
Nicholson.....	do	do	750 00
Webster.....	do	do	750 00
Belliveau.....	do	do	750 00
Kent.....	do	do	750 00
McLelan.....	do	do	\$750 00
do	Private Secretary.....	do	600 00
			1,350 00
Steele.....	3rd Class Clerk	1st to 30th June, 1884.....	62 50
Sumond.....	do	12 months.....	650 00
Halkett.....	do	do	600 00
Murray.....	do	do	450 00
Clenaghan.....	do	do	450 00
Morin.....	Messenger	do	500 00
Robertson.....	do	do	450 00
		Total	38,775 00

WM. SMITH,
Deputy Minister of Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 28.

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING REPORT OF GEORGIAN BAY SURVEY DURING THE SEASON OF 1884.

OTTAWA, 13th November, 1884.

The Honourable

The Minister of Marine and Fisheries.

SIR,—I have the honour to inform you that since the date of my last Annual Report I have been employed as follows:—

During the winter of 1883-84 my time was fully occupied in office, in the computations resulting from the field work of the previous autumn, together with the preparation of my rough sheets for filling in during the summer of 1884.

On the 22nd of March, 1884, Mr. W. J. Stewart, Lieutenant Canadian Militia, First Graduate and Gold Medallist of 1883, from the Royal Military Academy, Kingston, was appointed my assistant. The manner in which he was able to take up and duplicate my previous calculations showed the sound mathematical training his abilities had enabled him to take advantage of at the Royal Military Academy.

On the 25th of April, having taken possession of the surveying instrument ordered by the Department from England, I left Ottawa for St. Catharines, to superintend the especial fittings necessary for a surveying vessel.

In order to get on my ground at as early a date as possible (the spring being now well advanced), exceptional means had to be adopted in the fitting out of H.M. Dominion surveying steamer "Bayfield."

In connection with the swinging of the ship for compass deviation, I established at Port Dalhousie posts, to enable masters of vessels, on their way through the great thoroughfare, the Welland Canal, to test their steering compasses on the four quadrantal points, so that by means of directions printed at the expense of the Department of Railways and Canals, the error on any course may be approximately determined.

On the 26th of May Georgian Bay was reached, and on the 28th of October, the weather being no longer suitable for profitable surveying work, the vessel was laid up at Owen Sound, as being the nearest harbour containing a dry dock and other facilities for refitting.

In the interest of the survey, I trust this will remain the winter port as long as the survey of Georgian Bay continues. Between the above mentioned dates the time was occupied in surveying in detail, on a scale of 1 inch to the nautical mile, the part of Georgian Bay bounded on the west by and including the south-east coast of Grand Manitoulin Island, and on the east by the meridian running through Cabot Head, as far north as the parallel of Cape Smith.

This includes the various channels leading into Georgian Bay from Lake Huron. In addition to this, plans on a large scale were made of Tobermory (Collin's) Harbour and Club Island Harbour.

The peculiarly irregular character of the bottom necessitated very close sounding, the number of linear miles being 2,120, and square miles 790. These figures but inadequately represent the amount of work, as in the especial examination of a shoal for the shallowest part (which is usually very small, and therefore easily missed) many more depths have to be taken than can be put down on the paper, as well as miles traversed, which can not be measured.

The number of miles of coast line charted was 150.

Owing to the almost continuously breezy weather, much of the work which would otherwise have been done in the open boat had to be accomplished in the

essel. This, among the many reefs in the vicinity of the entrance to the bay, was attended with considerable anxiety.

In consequence, however, of the local knowledge and vigilance displayed by my sailing master and pilot, Alexander McGregor, and the unceasing attention paid to the engines by my chief engineer, Mr. Charles Linter, I was enabled to take the vessel in closer proximity to those dangers than under less fortunate circumstances could have been prudent.

On Sunday, the 7th of September, hearing that a vessel was ashore on the Lake Huron side of Fitzwilliam Island, I proceeded to her assistance, and found her in a perilous position, on a reef I had just examined. The extent of the reef made it difficult to approach her with safety, but after sundry attempts, we had the satisfaction of extricating her. The particulars were reported to you in my letter of the same date.

The season was not favorable to hydrographical surveying, being as before unusually windy, even for Georgian Bay, together with the hazy weather, caused no doubt by bush fires.

As the correct knowledge of the magnetic declination, commonly called the variation of the compass, is an essential feature in a new chart, requiring, if possible, better instruments and more time than I can well spare out of a short summer, I would respectfully request that the Superintendent of the Toronto Observatory, where proficiency and interest in this particular branch of science is so well known, be instructed to take, with the delicate magnetical instruments in his possession, such observations as will give a more accurate position of the isogonics in this locality, where the Laurentian and Silurian formations impinge, and from which contiguity we would naturally expect abnormal changes.

In the interests of this survey, I think it advisable the Department should know that, to the crew, hydrographical surveying is extremely monotonous work, which is the hardest kind of all work—that, unlike seafaring men in other employs on these waters, they do not see their homes from the beginning to the end of the season.

That giving the depth of the water—a mistake in which may involve the loss of a vessel and lives—is a responsible duty, and can only be entrusted to intelligent and trustworthy men.

The season for hydrographical surveying is necessarily shorter than that on other employs in which they would be engaged.

I mention these circumstances to show you that, in order to induce first-class men to join and stay in this work, good wages must be given, and every material comfort that the circumstances can afford.

I am happy to say, for the credit of a Dominion Government vessel, that among thirteen working hands, placed occasionally in very tempting circumstances, that in the whole five months not the slightest suspicion of insobriety or disobedience occurred, and I trust that nothing will transpire which will prevent their rejoining, such being their present intention. The country suffers a great pecuniary loss by the time occupied in breaking in new hands.

The time of my assistant and myself will be fully occupied during the present winter in preparing, subject to your approval, for the engraver in London, under the auspices of the Hydrographer to the Admiralty, a coast sheet of the work done during the past season. This chart I trust will be in circulation by the opening of navigation. Accompanying sailing directions, being the commencement of "The Georgian Bay and North Channel Pilot," will also be prepared for the printer.

I propose next summer to continue the survey westward into the North Channel, more especially as I have my skeleton sheets for that locality, as far westward as Gore Bay, already prepared, and a portion of that district sounded. In these waters a small steam launch would be of service.

The size of the "Bayfield" will not admit of another boat's crew, which an additional assistant would necessitate.

I have the honour to be, Sir,

Your obedient servant,

J. G. BOULTON,

Staff-Commander, R.N., in charge of Georgian Bay Survey.

APPENDIX No. 29.

To the Seventeenth Annual Report of the Department of Marine and Fisheries
being Statement of Expenditure on account of Survey of Georgian Bay
for Fiscal Year ended 30th June, 1884.

		\$	cts.	\$	cts.
Allan Line.....	Passage of Commander J. G. Boulton from England.....		91 98		
John Black & Co.....	Patent logs and lines.....		112 97		
do	Instruments for surveying.....		984 31		
J. D. Potter.....	Charts.....		150 50		
James Hope & Co.....	Field books.....		1 20		
John Leslie.....	Barometer.....		9 00		
Geo. Collins.....	Paid freight on leads and lines.....		6 19		
H. St. A. Ormond.....	do chronometer.....		3 92		
A. Mortimer.....	Books.....		3 75		
J. & C. Nople.....	Hire of tug in fall of 1883 before purchasing steamer.....	1,350	00		
"Morning Chronicle".....	Advertising for sale of wooden steamer.....		29 60		
M. P. McElhinney.....	Examining vessels for sale.....		63 40		
Express Company.....	Charges on box of instruments, &c.....		8 75		
Pritchard & Mingard.....	Rubber stamps, &c.....		2 00		
W. J. Murray.....	Purchase money for surveying steamer "Ed- sall" afterwards named "Bayfield".....	15,000	00		
P. H. Cogswell.....	Packing chronometer.....		7 43		
S. Cunard & Co.....	Freight on do.....		5 13		
H. Jarvis.....	Cotton duck.....		98 40		
D. Mesler.....	Tank and provision box.....		70 09		
George Brush.....	Steam winch.....		280 00		
J. Hazlett.....	Ætna grates for furnace of steamer.....		159 66		
Receiver-General.....	To pay Department of Interior for artificial horizon.....		21 52		
W. J. Stewart.....	Salary from 2nd August, 1883, to 30th June, 1884, as assistant.....		550 00		
Commander J. G. Boulton.....	Disbursements from 2nd August, 1883, to 30th June, 1884.....	2,850	41		
do	Pay-list wages, from 2nd August, 1883, to 30th June, 1884.....		819 75		
do	Salary from 2nd August, 1883, to 30th June, 1884.....		3,365 00		
do	To be accounted for in 1884-85.....		624 15		
Queen's Printer.....	Stationery, &c.....			26,669	27 76 27
				26,745	54

WM. SMITH,
Deputy Minister Marine.

F. GOURDEAU,
Acting Accountant.

APPENDIX No. 30.

REPORT OF THE HUDSON'S BAY EXPEDITION, UNDER THE COMMAND
OF LIEUT. A. R. GORDON, R.N., 1884.

METEOROLOGICAL OFFICE, TORONTO,

1884.

The Honorable A. W. McLELAN,
Minister Marine and Fisheries,
Ottawa.

SIR,—I have honour to submit, herewith, my report on the conduct of the Hudson's Bay Expedition of this year, under my command.

I desire to acknowledge the cordial assistance and co-operation which I received from Dr. Bell, who was appointed as medical officer and geologist to the expedition; and also from Mr. W. W. Fox, who accompanied the expedition as a volunteer. Both Mr. Fox and Dr. Bell took large numbers of photographs of the various posts and the scenery of the coast. Mr. Fox also made free-hand sketches of the coast profile, at many points, for me.

Dr. Bell's report forms Appendix A to this Report.

Appendix B is a series of tables showing temperature, &c., at Fort Chimo, in Ungava Bay, taken by Mr. Lucien M. Turner, of the United States Signal Service, which he has favored us with, by kind permission of General Hazen, the chief signal officer of the United States army.

Of the officers and men forming the staff of the expedition, it gives me much pleasure to report that they, each and all, performed the several duties assigned to them in the most satisfactory manner.

The Report submitted herewith is divided into the following sections:—

1st. Narrative.

2nd. Navigation—including Ice, Currents and Meteorological Observations.

3rd. Resources of the Region.

4th. Trade.

5th. Natural History, Inhabitants and Fauna.

6th. Proposed Work for next Year.

Appendix A.—Report of R. Bell, Esq., M.D., F.G.S.

Appendix B.—Observation, at Ungava Bay, by L. M. Turner, Esq., United States Signal Service.

I have the honour to be, Sir,

Your obedient servant,

ANDREW R. GORDON, Lieut., R.N.,

Commanding H. B. Expedition.

The Honorable A. W. McLELAN,
Minister Marine and Fisheries,
Ottawa.

SIR,—I have the honour to report, relative to the Hudson's Bay Expedition, that, in accordance with your letter of instructions, dated 5th July, I proceeded to Halifax, N.S., and took charge of the preparations for the expedition.

On the 14th of the same month I received the following note from Messrs. S. Cunard and Co. :—

“HALIFAX, N.S., 14th July, 1884.

‘Lieut. A. R. GORDON, R.N.,
“Halifax, N.S.

“DEAR SIR,—In accordance with instructions received from Messrs. Job Bros., we “this day hand over to you the S.S. ‘Neptune,’

“Yours truly,

“S. CUNARD & CO., Agents.”

The “Neptune” having been placed at the disposal of the Department, the greatest dispatch was used in coaling and putting on board the supplies for the expedition, and at two o'clock in the afternoon of Tuesday, 22nd July, the coals, lumber and other supplies being on board, the members of the expedition embarked, and one hour later we left our moorings at the Marine Wharf for Hudson's Bay.

The staff of the expedition was composed as follows :—

Robert Bell, M.D., F.G.S., of Ottawa, geologist and medical officer.

Messrs. R. F. Stupart, of Toronto; C. R. Tuttle, of Winnipeg; W. A. Ashe, of Quebec; C. V. Deboucherville and A. N. Laperriere, of Ottawa; William Skynner, of Springfield, Ont.; H. M. Burwell, of London, Ont.; and H. T. Bennett, observers.

Mr. W. W. Fox, of Toronto, photographer.

Messrs. Yeadon, McNeill and Quigley, carpenters.

Messrs. R. Currie, J. E. Campbell, H. M. Rainsford, W. H. Jordan, M. W. Keating, Fred. Drysdale, Jno. W. Chaplin, John W. McDaniel, W. F. Esdaile, Andrew Inglis, Adam Maher and Robert Youill, stationmen.

The officers and men, who remained out all winter, had each of them been examined by medical men, and pronounced physically well-fitted to withstand the rigors of an Arctic climate.

The expedition touched at Blanc Sablon on the 26th of July, and on the evening of Tuesday the 29th anchored in Ford's Harbour, at the east end of Paul's Island. At this place I went on shore and arranged with Mr. Ford to pilot us into Nain. He boarded the “Neptune” at daylight the following morning, and by nine o'clock we had anchored off the Nain Mission House.

I visited this place in the hope of obtaining furs for the men who were to remain at the stations during the winter, and of being able to engage Eskimo interpreters. I secured a few articles of fur clothing, but there were no interpreters to be had. The Chief Superintendent of the Mission told me, however, that, in all probability, I would be able to procure some fur clothing, and interpreters as well at the Hudson's Bay Co.'s Post at Nachvak, still further to the north, on the Labrador coast.

We remained at Nain during the day and were kindly treated by the missionaries who, besides imparting religious instruction to the natives, carry on an extensive trade with them. They have six stations in all on this coast, of which Nain is the capital. The others are Hopedale, Zoar, Hebron, Okkak and Ramah. During the day I took observations to ascertain the dip of the magnetic needle and vibrations for horizontal force, but was unable to obtain sights for the error of the chronometer or variation, owing to the inclemency of the weather.

During the voyage from the Gulf of St. Lawrence to this place we met with a great number of icebergs, both in the Straits of Belle Isle, and off the Labrador coast, north of it.

The expedition left Nain about 4:30 o'clock on the morning of 31st July, and reached Nachvak Bay about noon on the 1st of August, and cast anchor before the Hudson's Bay Co.'s post at Nachvak, about 4 o'clock in the afternoon. Here I met Mr. George Ford, the agent of the Hudson's Bay Company and a brother of our Nain pilot. From him and from the natives in the vicinity I purchased some skin clothing, and through his kind assistance was enabled to procure the services of Mr. James Lane, an Eskimo half-breed of Nachvak Bay as interpreter.

I learned from Mr. Ford that ice takes over the harbour of Nachvak, latitude $59^{\circ} 10' N.$, longitude $63^{\circ} 30' W.$, about the middle of November in each year and that for the last seven years it has broken up within a day of the 26th of June in each year.

On the 2nd of August, at daylight, we left the post at Nachvak, and after taking Mr. Lane on board at the mouth of the Bay, proceeded to sea for Cape Chidley. On the morning of the 3rd—Sunday—the fog was so dense that we were compelled to stand off to sea, and lie to. Noon position, lat. $60^{\circ} 51' N.$, long. $64^{\circ} 14' W.$, D. R.

The fog continuing, we were obliged to lay to all day Sunday, all night Sunday night, all day Monday, and all night Monday night, off the entrance to Hudson Strait. Noon position Monday, 4th August, D. R. lat. $61^{\circ} 12' N.$, long. $64^{\circ} 13' W.$

At daylight on Tuesday, 5th August, the weather was clearing, and by sunrise it was bright and fair. At noon we were approaching Cape Chidley, having been carried some forty miles to the south whilst laying-to in the fog. We steamed through Grey Strait, between the Cape and the Button Islands, keeping a close look out for a harbour. At three o'clock in the afternoon we anchored in a fine harbour on the north-western shore of the Cape, at the entrance to Ungava Bay.

On the shore of this harbour I selected the site for Observing Station No. 1, and named the place Port Burwell, after the observer appointed to that station. Two families of Eskimos were discovered about six miles distant from Port Burwell.

The work of landing lumber and supplies was begun at once, and by 4 o'clock in the afternoon of Friday the 8th, the buildings were up and all was in readiness for departure. I placed Mr. H. M. Burwell, of London, Ontario, in charge of this station, with Messrs. Currie and Campbell as stationmen, and besides giving him full directions verbally, left with him, as also with each of the other observers, a copy of the following general instructions:—

INSTRUCTIONS TO OFFICERS IN CHARGE OF STATIONS IN HUDSON'S BAY AND STRAITS.

As the primary object of the whole expedition is to ascertain for what period of the year the Straits are navigable, all attention is to be paid to the formation, breaking up and movements of the ice.

Each station is supplied with a sundial and time piece, and the clock is to be tested each day when there is sunshine about noon. A table of corrections is supplied for the reduction of apparent time to local mean time, to this the difference of time will be applied to 75th meridian, all entries being made in the time of this meridian, and observations will be taken regularly at the following times throughout the year, viz., 3 h. 08 m., 7 h. 08 m., 11 h. 08 m., a.m. and p.m.

Each morning the sums and means of the observations taken on the previous day will be taken out and checked over, they will then be entered in the abstract books supplied for the purpose.

After each observation during day light the observer on duty will take the telescope and carefully examine the Straits, writing down at the time all that he sees, stating direction and (when possible) velocity of tide, movement of ice, if any, also describe the condition of the ice, whether much broken up, solid field, &c., &c.

Tidal Observations.—Each day the time and height of high and low water is to be carefully observed, and during the open season the character of the tide will be carefully noted for two days before and three days after the full and change of the moon. For this purpose a post marked off in feet and fractions of a foot is to be placed in the water, at low water in some sheltered spot, if any such be available,

and the height of the water noted every half hour during the rise and fall of one tide on each of these days—the height to be noted most carefully every five minutes during the hour of high water and the same at low water—the five minute observations will also be taken for one hour during the most rapid portion of the rise. Special observations of barometric pressure are to be taken in connection with these tidal observations.

To check the zero mark for the tidal observation post, select a spot on shore from which the horizon line will be projected on the tidal post, and record the reading of this line when seen projected on the post by the observer, whose eye is to be placed at a measured height above the datum point selected on shore.

All remarks in regard to the movements of birds, fish, &c., and also as to the growth of grasses, will be carefully entered.

As it is impossible to give to the officers in charge of stations detailed instructions which would be of service in every contingency which might arise, the officers are required to observe and enforce the following rules:—

(a.) Every possible precaution is to be taken against fire, and as it is anticipated that the temperature can be maintained considerably above the freezing point inside the houses, two buckets full of water are always to be kept ready for instant use.

(b.) As the successful carrying out of the observations will, in a great measure, depend on the health of the party, the need of exercise is strongly insisted on during the winter months, and also that each member of the party shall partake freely of the lime juice supplied.

(c.) Each party is supplied with a boat, but unless some emergency required it, it must be a rule that neither afloat nor ashore must any of the party leave the station for a greater distance than they can be sure of being able to return the same day.

(d.) As soon as possible after the houses are completed and the stores all in place, the party will set to work collecting sods, grass or any other non-conducting material, and before the winter sets in the whole house is to be covered with this, boards overlaid and snow packed over all; the assistance of the Esquimaux should, if possible, be obtained, and the whole house arched over with snow.

ANDREW R. GORDON, Lieut. R.N.,

Commanding Expedition.

OTTAWA, 5th July, 1884.

The expedition left Port Burwell at 5 o'clock on the evening of the 8th, and shaped course for the Lower Savage Islands, where it was intended that Station No. 2 should be placed. On the following morning there was a dense fog until 8 o'clock, when it lifted, and at 9 o'clock we sighted Resolution Island. We passed a number of icebergs in the forenoon, and passed between Resolution Island and the Lower Savage Islands to East Bluff, then going about and steering along the south coast of the Lower Savages.

We spent the day in looking for an anchorage at the Lower Savages, and on a portion of the north main coast, a boat was sent ashore twice to examine what appeared to be possible harbours; but, on both occasions, the report was unfavourable; there was a stiff breeze blowing all day. At nightfall we pushed out into the Strait and laid to until morning, when it was intended to renew the search. At daylight on the morning of the 10th, we steamed shorewards and examined part of the coast north of the Lower Savages, but a heavy snow storm setting in, with a fresh gale from the south-east, and a falling barometer, I decided to abandon Resolution Island Station for the time being, and push on towards North Bluff. The latter place was reached about 4 p.m., on Monday, the 11th, after working our way through some open stretches of ice. Here we found a good anchorage on Big Island (called by Schwatka, Turenne Island), which forms the southern side of North Bay.

A suitable place was selected for the station buildings, and the place was called Ashe's Inlet, after Mr. W. A. Ashe, the observer assigned to that station.

We found here a number of Eskimos, who seemed to be much pleased at seeing white people coming into their country.

We were delayed a good deal at Ashe's Inlet by bad weather and by the field ice coming into the harbour and interfering with the work of landing lumber and supplies, but at noon on the 16th all was in readiness for the start. I left with Mr. Ashe, for the time being, Mr. Skynner and his two men, Messrs. Rainsford and Jordan, whom I was unable to place on Resolution Island, and at 2:30 the "Neptune" was directed towards the south shore of the strait, and at 8 o'clock on the morning of the 17th we sighted the north-west shore of Prince of Wales Sound.

On approaching the land, we forced our way through about twelve miles of field-ice, more or less compact. Towards the shore the ice was more open, and much of it was aground in three and four fathoms of water. We anchored about 2 p.m. in a well-sheltered bay, about three miles along the north-west coast of the sound, from the south main shore of the strait. A few minutes later a number of Eskimos were seen on shore. They were very much delighted when they learned that we were going to establish a station among them. I named this place Stupart's Bay, after Mr. R. F. Stupart, the observer assigned to that station.

On account of the magnetic observations to be taken, two extra buildings were required at this station, but notwithstanding the extra work to be done, everything was in readiness for our departure on the evening of the 22nd.

Accordingly we left Stupart's Bay on that evening, and had to work our way through about eighteen miles of more or less compact field ice. We laid-to in the ice all night. On reaching the open water we shaped our course so as to clear the eastern point of Charles Island, after clearing which we steamed towards Nottingham Island, and succeeded in making a good harbor on the south-east shore of that island about 3 o'clock on the 24th.

On approaching Nottingham Island we found very heavy ice, extending for some fifteen or twenty miles eastward from that island and Salisbury, filling the channel between these islands and extending southward towards Cape Wolstenholme as far as we could see.

On approaching the harbour we had the misfortune to break one blade off the propeller. Fortunately a spare fan had been brought in the ship, and beyond the work entailed by unshipping the broken one, fitting the shaft in the new one and getting it into position, which occupied the engineers about three days, we suffered no damage in consequence.

Soon after our arrival at Nottingham we sighted four vessels in the channel between us and the south main shore. They were about twelve miles distant, and fast in the field ice. Later we passed near enough to one to observe that she was bark rigged, and probably the outgoing Hudson Bay Company's vessel, and to another, an American whaling schooner, to exchange salutes with her by dipping ensigns.

We met with no natives at Nottingham Island. The work of erecting station buildings and landing the supplies occupied us until the morning of the 29th, when, at 9 o'clock a.m., having taken leave of Mr. C. V. DeBoucherville, the observer appointed to that station, and his men, Messrs. Esdaile and Inglis, we left the harbour, which I had called Port DeBoucherville, and steamed out among the ice towards Mansfield Island.

We found the ice exceedingly heavy and closely packed, so much so that after ramming our way some five miles out, and while yet within sight of the harbour, we were compelled to lay to until the change of tide should loosen it. After three hours' waiting, we again went ahead with the engines, the ice having run abroad a little; but when darkness closed upon us, we were still in the ice and were compelled to lay to until the morning.

Soon after daylight on Saturday morning, the 30th, we got out of the ice into the open water of Hudson's Bay, and by 7 o'clock sighted the low, barren shores of Mansfield Island. According to the original plan, a station was to have been placed on this island, but after coasting its eastern shores without finding an anchorage, I decided, about 7 o'clock in the evening, to abandon it altogether, and push on across the bay, in the hope of being able to place a station on Cape Digges on the return voyage.

Meanwhile, however, I proposed to examine the shores of Southampton Island, which lies to the north-west of Mansfield, with a view of ascertaining if that would be a more suitable place for a station. I did this on Sunday, skirting the south-east shore from Cape Southampton, some fifty miles, without finding an anchorage.

We then directed our course towards the north-west of the bay, in order to visit Marble Island, and to see if the northern part of the bay was free of ice. At noon on the first day of September we were off the mouth of Chesterfield Inlet, no ice having been sighted.

We then bore up for Marble Island, where we arrived early in the morning of 2nd September, and anchored in the Whalers' Harbour at the south-west of the island, and remained until seven o'clock in the evening.

During the day I took observations to ascertain the latitude and longitude, the variation of the compass and the dip of the magnetic needle, and in the afternoon made a hurried survey of the harbour.

We were somewhat disappointed at not finding native or other inhabitants on the island, and surprised at seeing so many evidences of the dead, there being no less than nineteen graves on Dead Man's Island, which forms the southern side of the harbour, and a monument commemorating the death of six more who had been drowned in a whale boat, in the "Welcome."

While at Marble Island I found a letter that had been left in a bottle by Capt. Fisher, of the whaling bark "George and Mary," that had wintered in the harbour. The letter was probably intended for one of the out-going whaling vessels. I made a copy of the letter, which is as follows:—

"Aug. 7, 1884.—On board the bark "George and Mary," Marble Island. All well. Three whales. The north part of the bay has been filled with ice since the 10th of July. Could not get up the Welcome, nor to the east shore. Had a very cold winter and spring. On the 23rd of May the thermometer was 4° below zero. Got out the 7th of June. Laid in the outer harbour all winter. No natives came to the ship while we lay at Marble Island. Had plenty of scurvy, but came out of it all right. Shall stay in the Welcome until the last of August, then start for home if nothing happens.

"(Signed), E. B. FISHER,
of the 'George and Mary.'"

From Marble Island we directed our course towards Churchill, meeting with heavy weather on the voyage, and arriving off the mouth of the Churchill River on the evening of the 3rd. Owing to heavy north-west winds, fog, and to our not being acquainted with the approach to Churchill Harbour, we were compelled to lay-to off Cape Churchill until the forenoon of the 6th, when, the weather clearing, we steamed into the harbour and anchored.

At this place I received and accepted the resignation, owing to ill-health, of Mr. C. R. Tuttle, who had been appointed observer at Churchill, and arranged with Mr. Spencer, the agent of the Hudson's Bay Company stationed there, to take the required meteorological observations, engaging, on behalf of the Government, to pay him a salary of \$120 per year.

We remained at Churchill, taking ballast, &c., until the 9th, when, about 7 o'clock in the evening, we started for York Factory.

I must acknowledge the extreme kindness and generous attention extended to the expedition by the officers of the Hudson's Bay Company at Churchill. They did all in their power to make our visit pleasant, and to supply me with fur clothing, &c.

We arrived in sight of the beacon at York Factory on the morning of the 11th, and anchored in the roadstead, some eighteen miles distant from the Factory, at ten o'clock in the forenoon, and signalled for a York boat, which was pushed off at once, but which, owing to contrary tide and wind, did not reach us until 5 o'clock in the evening.

Mr. Cowie, chief accountant of the post, accompanied the boat out, and he kindly undertook to take us in and bring us out again the next day. We arrived at the

Factory about 3 o'clock on the morning of the 12th, and left again at 3 in the afternoon.

Mr. Wood, storekeeper at York, has been observer in connection with the meteorological office for some years. I compared his instruments and adjusted them, and found his meteorological work all well done, and the observer much interested in the work.

I obtained some additional clothing from Mr. Fortescue, the chief factor at that post, and, as at Churchill, was most hospitably received by all the officers of the company.

We reached the "Neptune" in the York boat about 5 o'clock in the evening of the 12th, and weighed anchor at 7, and shaped our course for Cape Digges.

We found a good harbour on the south-western extremity of the larger Digges Island, and anchored on the morning of the 16th. Here I decided to place a station, in charge of Mr. Laperriere, and called the place Laperriere Harbor. I regarded the place as most suitable for a companion station to that of Port DeBoucherville. The distance between the two is about forty-five miles, and, as the vast stretches of ice that we met with between Nottingham and Digges on both the outward and homeward voyages, made that channel a point of the greatest importance, I consider it as desirable that the two stations should be established there.

On the morning of 20th September, the buildings having been completed and supplies landed, I prepared for departure. Mr. Laperriere was placed in charge of the station, with Messrs. Quigly and Maher as stationmen. I substituted Mr. Quigly, one of the carpenters, for Mr. Youill, whose condition of health rendered him unfit to be left there.

On the homeward voyage the expedition touched at Port DeBoucherville, Ashe's Inlet and Stupart's Bay, leaving such furs and other clothing as I had obtained for the comfort of the men. At Ashe's Inlet I took on board Messrs. Skynner, Rainsford and Jordan, and left with Mr. Ashe, Messrs. Keating and Drysdale, the men originally intended for that station.

From Stupart's Bay we made for Resolution Island, hoping to be able to place a station on the shores of that island. Arriving on the west coast of the island on the morning of the 26th of September, we coasted along in search of a harbour. At 9 o'clock a boat was sent in to examine a bay that promised well. The vessel followed some distance astern, going dead slow, with a look-out man on the jib-boom. Leads were going from both the boat and the ship. Presently the boat reported only four fathoms; a little distance astern we had ten fathoms from the ship. In canting the ship, there being a strong northerly breeze, and the tide setting to the southward, the vessel struck a sunken rock and remained there, grinding a little at each sea, for about nine minutes. She was, however, worked off without sustaining much serious damage. A piece of wood came to the surface, supposed to be one of the scarf pieces butting on the stem plates.

We steamed further down the coast to the south-east, when about noon another bay was discovered. The mate was again sent in, in charge of the boat, to make soundings. At length he returned and reported a good harbour. We steamed slowly in, following as nearly as possible, the boat track, the engines alternately going dead slow and stopping. The lead was going constantly, and there was a look-out in the fore-top and one on the jib-boom. At 1 o'clock while the leadsman was reporting "twelve fathoms and no bottom abreast of the main rigging, the ship suddenly struck forward and the men on the look-out shouted "go astern." The ship struck very heavily and rolled two or three times. As she rebounded her engines were reversed and she was put out to sea at once.

We coasted along to Cape Best, but as there were no signs of a harbour, and as the wind was threatening a gale, and a heavy cross sea running, and as the ship had struck twice and received considerable damage, Captain Sopp advised that the station on Resolution Island be abandoned, and I felt, under all the circumstances, bound to abandon it. We had examined over sixty miles of the coast, and altogether we had expended nearly three days steaming in search of a harbour. I therefore requested

the Captain to shape our course for Port Burwell, and in that excellent harbour, we anchored at 8 o'clock on the morning of the 27th of September.

At this place we took ballast and filled up the bunkers with coal from the hold.

On our return here, as at the other stations, we found all in good health and spirits, liking the work, and well satisfied with all that had been provided for them. The provisions, especially the evaporated fruits and vegetables were spoken of as being of an excellent quality.

We continued the homeward voyage from Port Burwell at 3 p.m., on 29th September, carrying the ebb tide with us through Grey Strait for Nachvak Bay.

At noon of the 30th we anchored in a cove on the north side of the entrance to the bay, and having selected a site for the house, proceeded at once with its erection and with the work of landing the stores.

On Saturday evening, the 4th October, the work was completed, but as it had been a week of unusually hard work for all hands, I lay in harbour till daylight on Monday morning, the 6th, when we proceeded to sea for St. Johns, Newfoundland, where we arrived on the morning of Saturday, the 11th, and having delivered the ship up to the owners, Messrs. Job Bros. & Co, I took passage for the entire party in steamship "City of Mexico," sailing that day for Halifax.

Navigation.

The ice has been supposed, hitherto, to be the most formidable barrier to the navigation of the straits, but its terror disappears, to a great extent, under investigation. The ice met with on the cruise of the "Neptune" may be divided into three classes—having distinctly separate origins. They are: icebergs from the glaciers of Fox Channel; heavy arctic field ice from the channel itself, and what may be called ordinary field ice, being that which had been formed on the shores of the bay and straits.

We met no icebergs in Hudson's Bay, nor did I hear of any being seen there. In the straits a good many were seen, principally along the north shore, where many of them were stranded in the coves, and some were met with in mid-channel. Of those seen in the eastern end of the straits, some had undoubtedly come in from Davis' Straits, passing between Resolution Island and East Bluff; but all of those met to the westward had come from Fox Channel, as observations made by Mr. Ashe, at North Bluff, show, that an iceberg coming in sight from the westward will pass out of view to the eastward in from three to four tides, showing an easterly set of upwards of ten miles a day. The icebergs seen in Hudson's Straits, in August and September, would form no greater barriers to navigation than do those met with off the Straits of Belle Isle, nor were they more numerous in Hudson's Straits than they frequently are off Belle Isle.

The ordinary field ice was met with off North Bluff and the Upper Savages, on the 11th of August. This ice, though it would have compelled an ordinary iron steamer to go dead slow, gave no trouble to the "Neptune," the mate on watch running the ship at full speed through between the pans, rarely touching one of them. Just before entering Ashe's Inlet we had to break through a heavy string, which was, however, done without in the slightest degree injuring the ship. In the harbour (Ashe Inlet) the ice came in, with the flood tide, and set so fast that the Eskimo were able to walk off to the ship, a distance of three-quarters of a mile. On the south shore our experience was much the same, but no ice was met with through which the ship could not have forced her way without damage. In the centre of the straits, to the east of North Bluff, no field ice was seen at all, and after leaving Stupart's Bay, on the outward voyage, although the vessel lay to for the night in the ice, it was only to wait for daylight, and not because the ice was too heavy. This pack extended about eighteen miles out into the straits, and after getting over this distance we came into clear water. From this point to Charles Island, and thence to the end of Salisbury Island, long strings of ice were frequently seen, but as their direction was invariably parallel to our course, or nearly so, we coasted round them. On the homeward voyage none of this field ice was seen. The Eskimo, both at Ashe

Inlet and Stupart's Bay, informed me that there was an unusually great quantity of ice in the straits this year, and that they had never seen the ice hang to the shores so late in the season.

The Heavy Arctic Ice.—After passing the east end of Salisbury Island the ice got heavier and closer, and when off Nottingham Island the pack was so run together that I determined to give up the attempt to force the ship through it, and working out again, headed more to the southward. In making in for the land here we broke the propeller, but succeeded in taking the ship into harbour with the stumps.

Viewed from the top of a hill on Nottingham Island the sea in every direction was one vast ice field, and to the southward, between South-east Point and Cape Digges, we saw four vessels fast. This ice was altogether of a different type to what we had hitherto met with. Some of it was over 40 feet thick of solid blue ice, not field ice, which had been thickened by piling of pan on pan, but a solid sheet of ice which had evidently been frozen just as we saw it. Much of it was 20 feet thick, and for the general average of all the field we passed through coming into harbour, I estimate that the thickness would have been upwards of 15 feet. The question as to the origin of this ice and whether it will be frequently met with in the west-end of the Straits is an important one; for in such ice, when closely packed, a vessel even of the build and power of the "Neptune," was perfectly helpless. I do not consider that it is possible for ice to form in Fox channel to a greater thickness than 10 feet in a single year, and I feel convinced that much of the ice which we encountered was the accumulation of several years.

The depth to which water will freeze has, so far as I know, never yet been determined, but it is certain that ice being a very poor conductor of heat, when once a certain thickness of ice has been formed, the rate of thickening will be very slow. In regard to this point, measurements of the formation of ice will be made at some of the observing stations in Hudson's Straits this year, which will assist in finally determining this question.

If, as seems probable from the reports of the Hudson's Bay ships, this year and last year have been exceptionally heavy ice years, it is reasonable to conclude that only occasionally does this heavy Fox Channel ice appear in Hudson's Straits. Another piece of confirmatory evidence as to the exceptional nature of the ice met with in the northern part of the Bay this year is the statement in Capt. Fisher's letter, found at Marble Island and quoted in the narrative portion of my report, that he had been unable to reach, up to the date of his letter, the east shore, or to go up the Welcome on account of the ice.

The harbour ice forms at Churchill on the average about the middle of November and breaks up about the middle of June. As this is the only known harbour on the west coast of the bay, these times may be taken as marking the extreme limits of the season during which it would be possible for a ship to enter and leave the harbour.

It is only fair to state, that had I been making the passage from Cape Chudleigh, direct to Churchill instead of coasting and working across the straits, I do not consider that I should have been delayed by ice, more than forty-eight hours: but no ordinary iron steamship, built as the modern freight carrier is, could have got through the heavier ice that we met without incurring serious risk, if not actual disaster.

Since the foregoing was written, I have received a copy of the Report of Lieut. Ray, United States Signal Service, to the Chief Signal Officer, on the conduct of the observations at Point Barrow in the Arctic. He gives as the greatest thickness of ice formed in one season 6 feet 2 inches. At Point Barrow the formation of ice on the shore is certainly influenced by the passage of a current of warm water passing through Behring Straits and setting north-east.

Fox Channel has no such advantage, and I still think it possible that a sheet of ice 10 feet in thickness might be formed there in one season.

The Compass.—In working through the straits, especially at the western end, I found the ordinary compass so sluggish as to be almost useless. The Sir Wm. Thomson card, however, worked admirably when properly compensated.

The reason of the difficulty with the compass is, that from the proximity to the magnetic pole the horizontal directive force of the earth's magnetism, which alone directly affects the compass needle, is very small compared with the whole magnetic force; consequently, the effect of induced magnetism in the iron of the ship on the compass becomes very large in comparison with the direct action above mentioned; the result being, that in an imperfectly compensated compass the error due to local attraction is very greatly increased.

The means of correcting this error in the Sir Wm. Thomson binnacle are perfect and easily mastered, and the system is such that the compass can, after the first voyage or two, be perfectly compensated by using certain proportions of soft iron bars and magnets, as correctors, the proportion having to be determined by actual observation and experiment on the voyage.

All steamships making the voyage through the straits should have one of these compasses as a standard, and the captains should familiarize themselves with the methods of correcting them, and as often as opportunity offers take azimuth observations, both stellar and solar.

Currents.

Off the entrance of Hudson's Strait I found the current setting to the southward. During the two days whilst lying off in fog, the wind was very light, and the drift of the ship must have been almost entirely due to the current. In the forty-eight hours lying to, the ship was set forty miles to the south of her position by dead reckoning. This is a somewhat greater amount of southerly set than the Admiralty directions indicate, and ships approaching the entrance of the straits would, in thick weather, have to do so with great caution.

At Port Burwell, near Cape Chudleigh, the tide rises and falls, at springs, about 19 feet, and the current in Grey Strait, between the Button Islands and the cape, flows at the rate of about four knots an hour; and when a strong breeze is blowing against the tide, a very nasty and confused and breaking sea gets up, which fishing schooners might find dangerous.

At Ashe's Inlet, near North Bluff, the tide rises and falls 32 feet at springs. There is a tide-race off the Bluff, and within three miles of the shore the velocity of the tide currents is very great, sometimes reaching six knots.

At Stupart's Bay, near Prince of Wales Foreland, the rise and fall of the tide is 28 feet. The tides of this coast do not show as high velocities as on the north side, probably owing to the water being shoaler.

At the western end of the straits the tides also run with great velocity. The rise and fall at Nottingham Island, at spring tides, is 14 feet, and Cape Digges about 10 feet.

At the entrance of Port Churchill there is a tide-race, the velocity of which, at half-tide, I estimate at seven knots.

Meteorological.

The meteorological work, which is to be done at the stations, is as follows:—

Observations will be taken six times a day, of height of barometer, temperature of the air, temperature of wet bulb thermometer, velocity and direction of the wind, reading of hair hygrometer, cloudiness, with record of amount and kind of cloud, and direction of its movement, and rain and snow fall. Water temperatures will also be taken. The times of observation are at equal intervals of four hours, and so selected that three of them are synchronous with the regular telegraphic series taken by the observers of the Meteorological Service.

Complete observations were taken on board during the voyage and, for the purpose of illustrating the weather which was met with in Hudson's Straits, I shall compare it with that experienced at Belle Isle, a station of the Meteorological Service, and in the regular trade route between Quebec and Europe.

For the first period from 1st to 31st August.—The “Neptune” was, on 1st August, at Nachvak Bay, within 100 miles of the east end of the Straits and, on 30th August, had just left Nottingham Island on the west end, so that the month of August was spent in the straits region.

The following table is compiled from the Meteorological Records:—

	Belle Isle Straits.	Hudson's Straits.
Number of days on which fog is recorded.....	13	9
Approximate number of hours of fog.....	220	102
Days on which snow fell.....	0	4
Days on which rain fell.....	10	8
Days on which wind exceeded 25 miles per hour, but did not reach 40.....	6	5
Days on which wind exceeded 40 miles.....	2	1

The month of August thus shows favourably for Hudson's Straits, the fog there being reported on six days only, as against thirteen days in Belle Isle; and the total number of hours of fog being respectively 102 in Hudson's Straits, and Belle Isle, 220; and if the duration of the snow storms in Hudson's Straits, nineteen hours, be added to the number of hours of fog, it still shows favourably. The number of gales also is six at Belle Isle for five in the straits; and of heavy gales, two at Belle Isle, and only one in the straits.

The following comparison for September is between Station No. 1, at Cape Chudleigh and Belle Isle:—

	Belle Isle Straits.	Hudson's Straits.
Number of days on which fog is recorded.....	7	4
Approximate number of hours of fog.....	82	34
Days on which snow fell.....	3	8
Days on which rain fell.....	15	6
Days on which velocity of wind was between 25 and 40 miles per hour.....	4	5
Days on which velocity of wind was 40 miles or over per hour.....	11	3

Days on which any snow fell are put down as snow days, though rain as well as snow may have fallen on those days.

In the character of the weather, therefore, for the two months (August and September) so far as it affects navigation, Hudson's Straits compare favourably with the Straits of Belle Isle, there being eleven heavy gales at Belle Isle against three in Hudson's Straits, and more than double the amount of fog.

The mean temperature of the month at Cape Chudleigh for August was 39°; for Belle Isle, 49°-67; and for September, Cape Chudleigh, 32°-76; Belle Isle, 43°-1.

Reports formerly received from the Labrador Mission Stations give higher mean temperature for those months, but those stations may be considered as almost inland stations in the character of their weather, and would thus show both higher temperature in summer and lower in winter than an insular station like Belle Isle.

I have received, through the courtesy of the Chief Signal Officer of the United States Signal Service, copies of the observations taken at Fort Chimo, in Ungava Bay, by Mr. Lucien Turner, who has spent two years there, and the winter temperatures given in these will not, I think, greatly differ from those in the Straits.

These tables form Appendix B to this report.

The following table gives the weather experienced in Hudson's Bay, from the 1st to 16th September:—

		Mean temperature.
September	1.—Fair weather, light N.E. winds.....	43°
"	2.—Fine and cloudy p.m. with strong N.E. wind	42°
"	3.—Rainy weather, moderate gale from S.E.....	40°

Off Churchill.

September	4.—Rainy weather, strong gale, from N.W.....	40°
"	5.—Cloudy weather, strong gale from N.W.....	40°
"	6.—Cloudy, light rain, light N.W. wind, thick weather.....	39 5°

At Churchill.

September	7.—Fine weather, light S.W. wind.	42°
"	8.—Fine weather, light N.W. and S.W. wind....	44°
"	9.—Fair cloudy weather, moderate N.E. wind...	41°

York.

September	10.—Cloudy weather, light rain, mod. S.E. wind..	40°
"	11.—Fair weather, moderate N.E. wind.....	41°
"	12.—Fair weather, light S. wind.....	46°

York to Digges.

September	13.—Fair weather, light N.E. wind.....	42°
"	14.—Fog in a.m., fine p.m., light N.E. wind.....	35°
"	15.—Foggy weather, strong N.W. wind.....	34°
"	16.—Fair weather, light N.E. wind.....	32°

The above shows one gale lasting nearly three days, viz., the 3rd, 4th and 5th, and two days on which fog occurred. On the 14th the fog lasted from 9 a.m. to nearly 3 p.m., closing down again early on the morning of the 15th and continuing thick fog till about 3 p.m.

Sea Temperatures.

The temperature of the surface water off Belle Isle on 25th July was 41·6 which gradually decreased as we proceeded northward to 34·7 on 4th August, off the entrance to Hudson's Straits.

On the homeward voyage these temperatures were, off Hudson's Straits 32·5 on 29th September, and abreast of Belle Isle, but some distance to the eastward, 36° on 9th October.

In Hudson's Straits, the mean surface temperature, as obtained from observations taken when the ship was at sea, was, on the west-bound voyage, found to be 32·9, the highest mean of a day's observations was 33·3, and the lowest 32·6. On the homeward voyage the lowest daily mean was 31·8 and the highest 33°. The highest temperatures were in each case observed at the eastern end of the straits and the lowest off Nottingham Island.

In the bay the surface temperatures varied much with the geographical positions, being 39·4 off Marble Island, 41° off Cape Churchill, 39·7 about 100 miles north-east of York Factory, observed whilst steaming across to Cape Digges, and 36° off the south end of Mansfield Island.

Hudson's Bay may therefore be regarded as a vast basin of comparatively warm water, the effect of which must be to considerably ameliorate the winter climate to the south and east of it.

The resident factor at Churchill informs me that the bay never freezes over so far out from shore, but that clear water can be seen; and as the temperature of the water must be above 29·8 Faht. (the freezing point of salt water) when at the same time the temperature on shore is below zero, we have a set of conditions which will cause a regular area of low barometric pressure to remain over the bay during the winter, with prevailing west and north-west winds and very cold weather on the west and north west of the bay, as shown by observations at York Factory; whilst on the opposite side of the bay winds from south-west, south and south-east would prevail.

In concluding this the meteorological portion of the report, I would point out that so far as meteorological conditions are concerned, the bay has been proved navigable early in June. The barque "George and Mary" sawed out on the 7th June of this year, and was cruising under sail from that date onwards in the northern part of the bay.

Surveying Work.

At Station No. 1, Port Burwell, near Cape Chudleigh, the harbour and part of the adjacent coast was surveyed by Mr. W. A. Ashe, D.L.S., who was one of the observers appointed to the expedition, and I have prepared sailing directions for entering the port. Mr. Ashe also surveyed the harbour at Station No. 3 (Ashe Inlet). At all the other stations in the straits I have myself, besides making determinations of position, variation and dip, made surveys of the harbors, and written out the necessary sailing directions for entering the ports. I also made a hurried survey of the harbour at Marble Island, and have obtained a copy of a plan of Churchill Harbour from one of the Hudson's Bay Company's officers. Copies of all these I will furnish you with hereafter, when I have had time to complete the final reductions and recopy the plans.

Resources of the Region of Hudson's Bay and Strait.

As to the resources of these waters, I have the honor to report:

1. That the economic fish and mammals of those waters are the whale, porpoise, walrus, narwhal, seal, salmon, trout, cod, and a variety of small fish.
2. That the only fishing industries developed so far are, the whale fishery by the Americans, and the porpoise, walrus, salmon and trout fisheries by the Hudson's Bay Company.

3. That the chief whaling ground is the Rowe's Welcome, a vast basin in the north-western portion of Hudson's Bay. Here the American whalers, chiefly from Massachusetts and Connecticut have been conducting a very profitable fishery for more than a quarter of a century, and are still in active operations.

The report of the United States Commissioners of Fish and Fisheries for 1875-6 states, that during the eleven years preceding 1874, about fifty voyages were known to have been made by whaling vessels from New England to Hudson's Bay, and their returns amounted to at least \$1,371,000, an average of \$27,420 per voyage, which, as most of the vessels engaged in the trade are comparatively small sailing vessels, shows a large margin for profit to those engaged in the business. And if we allow an average of three vessels per annum since the date of the returns up to the present year, we have \$822,600, as the value of the oil and bone taken by our neighbours from the waters of Hudson's Bay since the date of the report above quoted, making a grand total of \$2,193,600.

The wintering quarters of these whalers is at Marble Island, on the north-western coast of Hudson's Bay. The whaling ships, generally, leave Massachusetts or Connecticut in July, and reach the island some time in September, where they winter in a well sheltered harbour, and saw out of the ice in June of the following spring. They then press northward as fast as the moving ice will permit, until the whaling ground is reached, where they fish until the 1st September, and then sail for home, with their ships well loaded with blubber and bone. One or two whaling vessels, and occasionally more, winter at Marble Island each year.

Although this industry is, as yet, comparatively small, I am persuaded that, from the large profits realized by those engaged in it, from the ample opportunities for its extension, and the increased attention which is now being given to the resources of the Hudson's Bay region, a much larger number of vessels will, undoubtedly, be drawn into it at an early day. I am satisfied that there are large numbers of whales in these waters, from the fact that we met with them continually during the cruise of the "Neptune," and because, so far as I can learn, those engaged in the catch have never yet been compelled to return without a fair cargo. The bark "George and Mary," Capt. Fisher, of Connecticut, wintered at the Island last season, sawed

out of the ice on the 7th of last June, and succeeded in taking three whales in the open waters of Hudson's Bay before reaching the "Welcom." Considering that five or six of these mammals would complete her cargo, it is easy to see that this fishery is by no means falling off.

4. Of the fisheries carried on by the Hudson's Bay Company, that of the porpoise is the most extensive. The blubber of these mammals weighs from 250 to 400 pounds, and is very rich in the finest of oil.

Last year the company secured nearly 200 in one tide at Churchill, and a much larger number at Ungava Bay. They have established extensive refineries at several of their northern stations, and instead of exporting the blubber in bulk, as formerly, refine it, shipping the pure oil in casks. The porpoises are not shot or harpooned, as is the case with the walrus and whale, but are grounded on the flats in coves, where the tide rises 10 or 15 feet or more, and where, by means of trap nets, they are held in check until the water recedes, leaving them high and dry on the boulders and sand. The process is very simple and inexpensive. The company also carry on a walrus hunt, sending two sloops annually from Churchill to two very productive walrus grounds, north of Marble Island, where they have never failed to secure as much blubber, ivory and hides as their little vessels will carry in a few weeks. They took between twenty and thirty of those animals the present season. On this trip they also meet the northern Eskimo, and carry on a very valuable trade with them, exchanging powder, shot, &c., for ivory, oil, musk ox robes, and other furs.

One of the members of the expedition was furnished with an estimate of the value of the oil secured in the Hudson's Bay region last year by the company and the American whalers, which, although I had no means of verifying it, is probably within the mark. It places the value of the export at \$150,000. I am satisfied that the walrus and porpoise fisheries may be developed to almost any extent; and as increased attention is sure now to be given to this industry, we may rely upon its almost immediate extension. We met with walrus in great numbers at the western end of the strait. In one afternoon, while steaming from the Digges Islands to Nottingham Island, we found between fifty and a hundred of them on the ice.

5. The company is also engaged at several points, particularly at Ungava, in the salmon and trout fisheries. These excellent fish abound in vast quantities in nearly all the streams, and are generally most plentiful at certain seasons just above and near the head of tide, where the salt and fresh waters mingle. From what I could learn of this industry, I conclude that it is but the beginning of what will, in the near future, become an extensive and profitable business.

At the present time the Hudson's Bay Company have a steamer, called the "Diana," which goes from London to Ungava Bay direct. She is fitted out with refrigerating apparatus, by means of which they are enabled to send home the salmon fresh to the London market, where it realizes high prices, and has, I understand, proved a profitable business for the company. Cargo this year is reported to have realized \$18,000. This is the sole business that this little steamer is engaged in, as another steamer, called the "Labrador," carries all the freight required for Fort Chimo and the Ungava district.

6. Cod-fish. Up to the present time cod have never been found in the waters of Hudson's Bay or the western portion of the strait, but they are very plentiful in the bays round Cape Chudleigh, on both the east and west side. Newfoundland schooners, even now, work as far north as Nachvak Bay, and seem, year by year, to have been going further north.

The quality of cod found off Cape Chudleigh, though good, was not of the same high quality as that got on the banks.

7. In conclusion, I have the honour to urge that in any negotiations with the Government of the United States, relative to a treaty of reciprocal trade, due allowance should be made for the great value of the fisheries of Hudson's Bay.

If American whalers are to be permitted to continue to fish in those waters, arrangements should be made by which Canada would receive a substantial equivalent for the privilege.

I would further suggest that unless a very large consideration is granted in re-
d for the privilege, the Canadian Government should reserve the right to make
d enforce such regulations as will prevent the extermination of these valuable
ammals from our northern waters. In support of this suggestion, I would call
ur attention to the fact that some years ago whale fishing was a thriving industry
the Gulf of St. Lawrence, some ten schooners being at one time engaged in it, but
at shortly after the Americans were granted the right to fish in these waters, they
d, by use of explosive bombs and other methods of capturing these animals,
mpletely driven them out of the gulf, and the Canadian whaling business was
stroyed.

Trade.

The trading station for the south side of Hudson's Straits is Fort Chimo, at the
uth end of Ungava Bay, and the Eskimo and Indians visit the fort regularly, to
change their furs for powder, shot, &c.

At Nachvak Bay also, the company maintain a post, where a number of the
ost valuable furs, the black fox, &c., have been obtained from the natives.

The Nachvak station is one of the company's chain of posts on the Labrador
ast, subsidiary to Rigoulette. These posts obtain their supplies by the steamer
Labrador," and I have been informed that the Newfoundland authorities claim and
llect Customs duties on the whole ship's invoice at Rigoulette, thus collecting
ere duties on goods which are destined for consumption in Canada, inasmuch as
the goods for Fort Chimo are included. Canada is thus the loser, whilst the com-
ny derives no benefit, except what may arise from the difference of the tariffs of
e two countries.

The exports from these and the Mission stations are principally, seal skins and
l, salted salmon and trout, codfish, ivory, bear, deer and fox skins. From Ungava,
sides fur, porpoise oil is exported, and frozen salmon, as stated previously.

The Hudson's Bay Company, in trading, have to pay duties, and a considerable
m accrues to the Canadian Government in Customs dues on the importations to
urchill, York and Moose. Every American whaler, however, which enters the
y, is an unlicensed trader, carrying in American goods and trading with the
tives in the north-west of the bay, where they compete with the Hudson's Bay
company, who have to pay duty on their importations.

A regular trading post has also been established by a Capt. Spicer, an American
tizen, on the north shore of the straits, a little to the west of North Bluff, which I
tended visiting, but was unable to do so.

I was, however, informed by the natives, that each year a ship went to the
ation, that an agent lived there through the winter, and that about fifty families
aded with him. The Eskimo at North Bluff had an old whale boat of American
ild, but in good repair, and they informed me that they occasionally killed whales
r Capt. Spicer, and that whenever they secured a whale that they were given
irits. The evil effects of such payment are too well known to need comment.

In reference to the value of the trade, I have heard it estimated, by men whom I
nsidered competent judges, that a good Eskimo family would be worth \$500 a year
a trader. The Hudson's Bay Company rate some of their best Indian hunters as
orth \$1,000 a year to the company, and, allowing that the straits region is a some-
hat poorer region than the north-west of the bay, a family ought still to be worth
early \$400 to a trader. This estimate gives the value of Capt. Spicer's station at
0,000 a year, an estimate which I believe to be rather below than above the truth.
ll goods, destined for trade with the natives, on board of the American whalers,
ould be chargeable with duty, or a license fee charged them, before they are per-
mitted to enter Hudson's Straits, which would be sufficient to cover the duty, so that
ey may be placed on the same footing as the Hudson's Bay Company; for the value
the trade in musk ox robes, cariboo robes, seal skins and ivory, forms no unim-
ortant part of the profit of the whaling voyage.

The use of ardent spirits as an article of trade, or indeed its importation, should be absolutely prohibited.

There is room for the profitable establishment of trading posts on the south shore of the bay, as the natives there have to go upwards of 300 miles, to Fort Chimo for powder, shot, &c.

I was also informed by the natives at North Bluff, that about the Middle Savage Islands we would find natives who had never traded with white men, and who had large quantities of ivory.

That a profitable business can be carried on in pursuit of whale and porpoise fishery and walrus hunting, together with the trade with the Eskimo, seems beyond doubt, and it is unfortunate that none of the profits derived from it are at present received by Canadians.

NATURAL HISTORY.

The Inhabitants.

With the exception of people who may be in charge of Capt. Spicers' station, the only inhabitants of the straits and northern part of the bay are the Eskimo.

On the north side of the Straits they are quite familiar with the ways of white men, and seem to be much pleased at the prospects of increased intercourse with them: Some one or two of them speak English, whilst some others understand easily what is said to them, but refuse to speak it. They are particularly fond of any article of clothing, either cotton or woolen, and the head man at North Bluff was arrayed in all the glory of a stand-up linen collar.

These natives are docile, amiable and willing to work. When landing the stores and coal at North Bluff they worked all day along with our men, carrying heavy weights up over the rocks, and working as cheerily and heartily as could be desired, taking their pay in biscuit, of which they are inordinately fond.

The number met with at the station here was about thirty, but during my absence a large number of them visited the station, maintaining the most friendly relations with our party.

They have no farinaceous food of any kind, and, as a consequence, the mother suckle the children till they are from three to four years of age. The families are small, there rarely being more than two or three children, and although early marriages are the rule among them, I cannot help thinking that their numbers have sensibly diminished, inasmuch as we found signs of their presence everywhere; yet except at Port Burwell, Ashe Inlet and Stupart's Bay, none were met with. About six miles south of Port Burwell there is the remains of what must once have been a large Eskimo settlement, their subterranean dwellings being still in a fair state of preservation. At the present time, so far as I can learn, there are only some five or six Eskimo families between Cape Chudleigh and Nachvak.

Along the Labrador coast the Eskimo gather in small settlements round the Moravian Mission stations. At these places their numbers vary considerably. Nain is reputed to be the largest settlement and its Eskimo population amounts to about 200 souls.

These are all educated. They can read and write in their own language and the missionaries informed me that they were regular attendants at church and are very fond of music. No alcoholic or other liquors are given to the natives by these missionary traders; but they occasionally procure small quantities from Newfoundland fishermen. It is, however, a rare occurrence, and there is no record of any disturbance or trouble ever having been caused.

These missions are self-supporting, the missionaries supplying the Eskimo on loan with the very best traps, fishing lines etc., and purchasing from them all their produce, whether it be seals, cod, salmon, furs or anything else. They are supplied by a sailing vessel called the "Harmony," which sails from London each year, visits all their Mission stations and then returns, taking with her the great portion of the season's catch. The Newfoundland mail steamer makes several trips to Nain during the summer of each year, but does not go any further north.

I have mentioned these missionary traders and their work, because I am of opinion that the system, when honourably carried out, as it has been and is on the Labrador Coast, is the one which best meets the wants of the natives and tends to the improvement of their condition.

In speaking of the inhabitants of the straits, I mentioned more particularly those living on the northern side, but those met with at Stupart's Bay were equally tractable and ready to assist in the work. They were, however, from less frequently meeting with white people more simple, but decidedly more demonstrative; their delight in being informed that we were going to build a station and leave a party among them was exhibited by their forming a circle round the interpreter and dancing and shouting like a lot of school children.

One word must be said in regard to their honesty. Although scraps of iron and wood possess a value to them which we can hardly appreciate, they would take nothing without first asking permission; not even a chip or a broken nail was taken without their first coming to the officer who was on duty at the building for permission to take it.

As to the pernicious effects of their contact with American whalers, I beg to quote from the report of Lieut. Ray, of the United States Signal Service, who was in charge of the Observatory at Point Barrow, premising that I have every reason to believe that the New England whalers carry on very much the same sort of trade at their brethren of the Pacific seem to have done. Lieut. Ray says:—

"The safety of the station would be very much increased if the law relating to the sale of contraband goods by the whale men and traders on this coast could be enforced." * * * * * "I believe the offenders in the last year are confined to two or three ships. I met nearly all the captains when they first came up, and they promised a strict compliance with the law, but in spite of all that, the natives here have been drunk three different times during the last month."

Fauna.

The terrestrial mammalia of Hudson's Straits and northern part of the bay are:—The polar bear, the fox (three varieties), the hare, the reindeer.

The skin of the polar bear is valuable, being held at \$12 by the agents of the Hudson's Bay Company. These animals, though reported by the Eskimo to be very savage, will not, I think, as a rule, attack a man unless first wounded or emboldened by hunger, when I can well understand that they would be dangerous to encounter. They prey chiefly on the seal. The Eskimo on the south side of the straits, at Stupart's Bay, informed me that at certain times of the year there were large numbers of them in that vicinity. The meat of these bears is not unpalatable, but the liver is said to be poisonous.

The Fox.—Judging from the number of white fox skins which the natives had, these animals must be very numerous. These skins, however, have no high commercial value, and are, indeed, almost valueless, unless captured at a certain season of the year.

The blue fox is a sort of a steel grey colour. Their skins are more valuable than those of the white fox, but they are much less numerous.

The red fox is valuable as indicating the probability of the presence of the black fox, whose fur is so very valuable. The red fox was seen on the south side of the strait, and black foxes are annually shot or trapped in the country south of Cape Audleigh.

The reindeer are the food and clothing of the Eskimo, and their horns are used in making the spring bows of their fish spears and for many other purposes. We procured some of the venison from the Eskimo at North Bluff, which was pronounced by every one to be excellent.

The hare is a common animal over the whole coast of the straits, being especially numerous about North Bluff.

Game Birds.—Many kinds were seen. Geese, swans, duck and ptarmigan were plentiful, so that the officers and men at the station can easily procure a palatable range of diet.

The Work of the Expedition in the Coming Year.

Much will undoubtedly be learned from the observations taken during the winter as to the formation and breaking up of the ice and generally in regard to its movement, and also of the phenomena affecting navigation, but it would be impossible to state definitively from one year's observations what was the average period of navigability of the straits. I consider, therefore, that it would be desirable to continue certain of the stations for a second year, and might perhaps be desirable to keep on three of them for a third year.

For the year 1885-86, I have the honour to recommend that the following stations: Port Burwell, near Cape Chudleigh, Ashe Inlet, near North Bluff, Stupart's Bay, near Prince of Wales Foreland, Nottingham Island and Digges Island, be continued.

The station at Nachvak Bay could easily be disposed of, as the Newfoundland fishermen already visit the place for the cod fishing, and if it were advertised in the St. Johns, Nfld., papers, I do not doubt that the Department would get offers for the purchase of the house.

The expedition for next year should be ready to start from Halifax about the 15th of May—not later than this date—and arriving off Hudson's Straits about the 1st of June, if possible visit and relieve the stations. Should the ice prevent our getting on shore, the ship should push on so as to investigate once for all the condition of the ice in the straits and bay in the early part of the season. If successful in getting through the straits, the voyage should be continued to Fort Churchill, the endeavour being made to arrive there about the opening of navigation, the 15th of June.

After leaving Churchill the eastern shores of the bay should be visited, and a running survey made of such portions of the coast as practicable. Beacons should be erected on the north end of Mansfield Island and the south end of Southampton Island. Both these islands are low-lying, with shoal water running for some distance out; they are of a dark grey limestone formation and most difficult to make out at night, the mariner's only safety being in the constant use of the lead. Especially are they dangerous on account of the tides, which run along the east coast of Mansfield Island at the rate of about four knots per hour.

This work could, I think, be accomplished and the ship be back in the straits by the 15th August. The remainder of the time should be devoted to making a running survey of such part of the coast of the straits as may be possible. Capt. Spicer's station should be called at, and if time permitted, the Hudson's Bay post at Ungava should also be visited, the expedition returning to Canada in October.

If, however, the Government regard it as more important to investigate the fisheries of the bay and straits, the ship should push up north for Marble Island as soon as possible, thence to "The Rowe's Welcome." After spending a short time at "The Welcome," the porpoise fishery at Churchill should be examined.

After leaving Churchill, under any circumstances, the east shore should be visited, and its mineral and other resources examined and reported on.

The vessel should also be fitted with a deep-sea dredging apparatus, wire dredge, rope and deep-sea sounding apparatus.

In the event of your deciding on sending out the expedition in May, it would be advisable to send to Ashe Inlet a schooner load of coal. If this vessel were to start so as to be in Ashe Inlet about 20th August, she would have but little difficulty to get inside the ice. The harbour is an easy one to make, with no outlying shoals or rocks inside it is well sheltered and good holding ground.

I have endeavoured in the foregoing pages to give all the information in my power in regard, not only to the navigation, but to the resources of the region of Hudson's Bay and Straits, and I trust that my efforts will meet with your approval.

All of which is respectfully submitted.

ANDREW R. GORDON,
Commanding Hudson's Bay Expedition.

APPENDIX A.

GEOLOGICAL AND NATURAL HISTORY SURVEY,
MUSEUM AND OFFICE, SUSSEX ST.,
OTTAWA, 19th January, 1885,

The Honorable A. W. McLELAN,
Minister of Marine and Fisheries,
Ottawa.

SIR,—In compliance with instructions received from the Hon. Sir David Macpherson, Minister of the Interior, I have the honor to transmit to you, as received by me on the 14th inst., the accompanying copy of the report, by Dr. Bell, of observations made on the shores of Labrador, Hudson Strait and Bay during the voyage of the steamship "Neptune," from the 22nd July to the 11th of November, 1884.

The botanical and marine zoological collections made during the voyage have been examined. The plants have been named by Professor Macoun, the crustaceans by Professor S. J. Smith, of Yale College, and the molluscs and echinoderms by Mr. J. F. Whiteaves. The plants are represented by 118 genera and 227 species. The crustacea by 13 genera and 16 species. The molluscs by 19 genera and 25 species, and the echinoderms by 5 genera and 6 species. The brachiopods, cirripeds or barnacles and the annelids each by 1 species.

Of the plants Professor Macoun states as follows:—

"The collection is a very interesting one and shows conclusively the Arctic character of the climate of the Straits and that part of Labrador north of Nachvak. North of Nain, all the plants obtained are exclusively Arctic, not one of them, except the Arctic Raspberry (*rubus chamaemorus*) and a couple of species of *Vaccinium* ranging as far south as the Gulf of St. Lawrence. The greater number, however, are widely distributed on the shores of the Arctic Sea, and are the characteristic plants of both Arctic Europe and America."

Mr. Whiteaves states that the marine invertebrata are well known Arctic species, most of which are common to the St. Lawrence Gulf, their range there being from about ten fathoms to fifty, where they form a large part of the food of the codfish—especial thanks are due to Professor Smith, of Yale, for the list of the crustacea.

I have the honor to be, Sir,
Your obedient servant,

ALFRED R. C. SELWYN.

OTTAWA, 24th November, 1884.

A. R. C. SELWYN, Esq., LL. D., F. R. S.

SIR,—Herewith I beg to submit my report as geologist and naturalist on the Hudson's Bay Expedition, sent out by the Government of Canada during the present season.

I have the honor to be, Sir,
Your obedient servant,
(Signed) ROBERT BELL.

OBSERVATIONS ON THE GEOLOGY, MINERALOGY, ZOOLOGY, AND BOTANY OF THE
LABRADOR COAST, HUDSON'S STRAIT AND BAY.BY ROBERT BELL, M.D., LL.D., B.A.Sc., F.R.S., CANADA, ASSISTANT DIRECTOR
OF THE GEOLOGICAL SURVEY.*Medical Officer to the Expedition.*

The question of sending a party by sea into Hudson's Bay, for scientific purposes, at the expense of the Government, has been before the public of Canada for some years. Without entering into the subject of the various useful purposes which it was believed such a party might accomplish, it may be stated that the main object of the expedition, sent out by steamship the present season, was to establish six observatory stations on the shores of Hudson's Strait. The parties to be left in charge of these stations were to remain one year and to keep regular meteorological records, and to note all seasonal events, especially with regard to the condition of the Strait itself in winter, the tidal phenomena, &c., all with a view to throw additional light on questions regarding the navigation of these waters. If time permitted, after having built the stations, the vessel was to visit certain parts of Hudson's Bay. Without interfering with the above mentioned objects, the expedition would afford an opportunity for obtaining much desirable information in regard to the geology and mineralogy and the zoology and botany of the places which might be visited. The writer, who had been on Hudson's Bay in previous years, and who had already passed through the Strait (see Report of the Geological Survey for 1880), was selected for this duty, and also to act as medical officer to the expedition. I also acted as taxidermist and photographer for geological purposes, and provided myself with the instruments necessary for various methods of surveying, in case opportunities for using them should occur.

The expedition was essentially a meteorological one, and Lieut. A. R. Gordon, R.N., of this branch of the public service, was selected for the command; and the general management fell within the province of the Department of Marine. Notwithstanding that I had neither men nor boat at my command, I managed, while the stations were being built, or while the ship was taking in ballast, to get ashore with the boats that were passing backward and forward between the vessel and the land, and in some cases I had the use of a boat and the assistance of officers and men, both of the expedition and of the ship's company.

The following letter from the Deputy Minister of Marine, in reply to one from Dr. Selwyn, will best explain my position with regard to the facilities to be expected :

“ DEPARTMENT OF MARINE AND FISHERIES,

“ Ottawa, 20th June, 1884.

“SIR,—I have to acknowledge receipt of your letter of the 18th instant, making certain enquiries in regard to the Hudson's Bay Expedition and the employment of Dr. Bell, and in reply I am to inform you that the vessel will sail from Halifax about the 21st of next month. Nothing beyond board and berth accommodation can be given Dr. Bell, the vessel being chartered to the Department, and no special accommodation being guaranteed, but space will doubtless be provided sufficient for the storage of any specimens, &c., which Dr. Bell may collect or the stores provided for the preservation of the same. With reference to your enquiry as to what assistance, as regards men and boats, can be provided for Dr. Bell's work, I have to inform you that Dr. Bell will have the opportunity of landing at every place at which the vessel

may call, and every facility will be given him which the officer in charge may consider he is able to afford without prejudicing the primary objects of the Expedition, but no special boat or crew can be furnished for Dr. Bell's use. I am also to inform you that it is the intention that the vessel shall return this fall, but it is impossible to state positively that she will. I am also to state that no charge will be made for Dr Bell's maintenance while on board the vessel.

"I am, Sir,

"Your most obedient servant,

"W. SMITH,

"*Deputy Minister of Marine, &c.*"

A. R. C. SELWYN, ESQ., LL.D., F.R.S.,

Director Geological and Natural History Survey.

The route followed by the expedition, in going out and returning home, together with a full narrative of occurrences, will no doubt be given in the report of Lieut. Gordon to the Minister of Marine; but in order to make the present report intelligible by itself, it will be necessary for me here to give a brief sketch of the round voyage.

The vessel which had been chartered by the Government for this service was the steamship "Neptune," belonging to the Messrs. Job Brothers, of St. John's, a wooden vessel of 684 tons burden, which had been built and fitted for the seal fishery. She was navigated by Captain William Sopp, as sailing master, and a competent staff of officers and men. We sailed from Halifax on the 22nd of July, our course lying between Cape North and Cape Ray, and through the Gulf of St. Lawrence and the Straits of Belle Isle. We anchored for an hour at Blanc Sablon, on the north shore, but did not land. On the way up the Labrador coast, we called at Ford's Harbor, Nain and Nachvak, for the purpose of engaging an Eskimo interpreter, which we succeeded in doing at the last named place.

The first station was built on the north-west point of the promontory between Ungava Bay and the Atlantic, or near Cape Chudleigh. The second station was to have been placed on the southern or western part of Resolution Island, but we did not succeed in finding a harbor on these shores, and could not land on account of the stormy weather; but we got a near view of the west coast of the island, and also of some of the Lower Savage Islands. We therefore proceeded to the locality which had been determined on for the third station, and found a suitable place on the south side of Big Island, which is just west of the Upper Savage Islands, at an inlet about two miles east of North Bluff. We next crossed the Strait to Cape Prince of Wales, south south-west of North Bluff, and erected a station on the shore of the bay, inside of the cape, or on its eastern side. From this place we next made the south point of Nottingham Island, and established a fourth observatory. Again crossing the Strait in a southerly direction, we passed close to Digges Island, and coasted down the eastern side of Mansfield Island, looking for a suitable place for another station, but without success. The south-east shore of Southampton Island was also coasted for some distance, after which we traversed the northern part of Hudson's Bay to the entrance of Chesterfield Inlet. We did not land in this neighborhood, however, but turned south and called at Marble Island, where we anchored and spent one day ashore. From this island we made Cape Churchill, and then entered the harbor of the same name, at the mouth of the Churchill River. A short visit was paid to York Factory, from which we recrossed Hudson's Bay to Digges Island, where a fifth station was built. On our homeward voyage through Hudson's Strait, we visited all the other stations in the reverse order in which they had been established. Another attempt was made to stop at Resolution Island, in order to build a station, but again without success. It was then decided to place the party intended for Resolution Island at Nachvak Inlet, and we called there for this purpose and to leave our Eskimo interpreter, on our way to St. John's, which we reached on the 11th of October, and immediately handed the

ship over to her owners, four days before the date fixed for the expiration of the charter. On the morning of our arrival at St. Johns, we happened to catch a steamer for Halifax, and so were enabled to continue our homeward journey without an hour's delay.

Before proceeding to give details of my special work, I may say that at every place we visited I obtained as full notes as my opportunities would permit in regard to the geology and mineralogy of the surrounding country. I also endeavored to obtain from the natives information as to the occurrence of useful minerals, which although not very definite, may in some cases lead to valuable discoveries. The Eskimo are intelligent and good observers, especially of such matters as affect their own mode of living and although rocks and minerals would not be expected to interest them much, still I found that in some instances they had taken notice of them. In order to facilitate enquiries I had provided myself with a collection of all the ore minerals and rocks which might be expected to occur in the regions we were to visit and on allowing the natives to inspect them, they would point out those which they thought similar to certain kinds which they had noticed in their own districts. A very interesting feature in the geological phenomena of these northern regions, is that a study of them will assist us in the elucidation of the superficial geology of the more southern portions of the Dominion, which forms so important a branch of the work of the Geological Survey.

In regard to zoology, efforts were constantly made to collect specimens in every class of animals and to obtain new information on all points with reference to them. Upwards of fifty specimens of mammals and birds were obtained, of which a portion were from Dr. Matthews, of York Factory. Some of these are rare and will prove to be very useful and interesting additions to our museum. Many notes were made on the habits and distribution of the mammals and birds. Attention was paid to the fishes and their food and to the subject of possible fisheries in these regions. A variety of mollusks and other invertebrates was secured by dredging. As we were living mostly on ship board and in so cool a climate, but little could be done for the science of entomology. A small collection of butterflies and moths from the shores of Hudson's Strait has been sent to Mr. H. H. Lyman, a well known entomologist in Montreal, who has agreed to identify them. One of the missionaries on the Labrador coast has kindly promised to collect the Lepidoptera of that region and send them to me next year.

With regard to botany, as complete a collection of plants as possible was made at every place we touched at. These are in the hands of Professor Macoun and a catalogue of them will be found in the Geological Survey Report. Some new facts of interest in regard to the ranges of forest-trees in the Labrador peninsula and the country west of Hudson's Bay were ascertained from persons acquainted with the regions.

In addition to the technical assistance already acknowledged above, I take this opportunity of mentioning that Professor C. Hart Merriam has kindly aided me in making out from my descriptions, the local names, &c., with which he is familiar, the accompanying list of the seals of Hudson's Bay and Strait. I may mention that Professor Merriam, who is justly regarded as a high authority on the Pinnipedia, has himself gone to the Newfoundland and Labrador seal fishery, and travelled in the Gulf of St. Lawrence for the express purpose of studying these animals. It would appear from my observations that we have in both Hudson's Bay and Strait all the kinds of seals found at any season either in the Gulf or on the coast of Newfoundland and Labrador; and from all that we could learn, both seals and walrus are abundant in the Strait and the northern parts of the Bay. But in order to obtain them in large numbers for commercial purposes, their various resorts and the course of their migrations at different seasons of the year would require to be studied. The gentlemen in charge of the observatory stations were instructed to attend to such matters, and their notes will probably throw some light on the subject in the particular localities at which they are stationed. In the list of fishes, I have included species which I had in previous years ascertained to exist in Hudson's Bay or in waters immediately connected with it. Mr. Lucien M. Turner, who has spent

ears in the Ungava district in the interest of the Smithsonian Institution, has kindly determined some of the fishes which I collected, and added the names of others which he found in the district named.

I secured about sixty-five photographs of a uniform size of 8 by 5 inches. These are illustrative of subjects of interest in connection with the expedition, of the nature of the country and more especially of points bearing on its geology.

I shall confine myself in the following pages to the subjects above referred to, and all others connected with the work of the expedition will probably be fully reported on by Lieut. Gordon. In regard to the arrangement to be adopted in this report, it has been considered best to state the facts and observations in the order in which they were noted, and in connection with them to give other information, bearing on the subjects referred to, which may have been gathered in previous years.

As already mentioned, we anchored for an hour at Blanc Sablon on the morning of the 26th of July. Here the horizontal strata of the Quebec group form a conspicuous feature in the landscape. They are described at pages 287 and 288 of the *Geology of Canada* as consisting of 231 feet of red and grey sandstones and fine conglomerates forming the lower part of the section, with 143 feet of grey, redish and greenish limestones resting upon them. In Forteau Bay, a short distance east of Blanc Sablon, a considerable collection of fossils was made in these limestones by the late Mr. James Richardson, which proves them to belong to the Quebec group, and to be equivalent to the Red Sand-rock of Vermont. The Laurentian gneiss may be seen cropping out from beneath these sandstones at and near the sea shore, while the hills of the same formation rise above the level of the summit of the horizontal strata all along in the interior.

At the entrance to Chateau Bay on the Labrador side of the Straits of Belle Isle, opposite to the northern extremity of Newfoundland, are two islands, called Castle and Henley's Islands, which are capped by flat basaltic summits, the former being 200 feet above the sea. They form a striking contrast to the prevailing character of the shore rocks, which everywhere else in the neighborhood appear to be of Laurentian gneiss. Later in the season I was informed that some men had been mining mica on the shore of this bay, and in the autumn had brought about one ton of the mineral to St. Johns, on the way to Boston or New York, but that the plates did not exceed three by six inches in size, and that they were of a rather dark color.

After passing the Straits of Belle Isle, the Labrador coast continues high and rugged, and although there are some interruptions to the general rule, the elevation of the land near the coast may be said to increase gradually in going northward, until within seventy statute miles of Cape Chudleigh, where it has attained a height of about 6,000 feet above the sea. Beyond this, it again diminishes to this Cape, where it is 1,500 feet. From what I have seen of the Labrador, and from what I have been able to learn through published accounts, Hudson's Bay Company's officers and the natives, and also judging from the indications afforded by the courses of the rivers and streams, the highest land of the peninsula lies near the coast all along, constituting, in fact, a regular range of mountains, parallel to the Atlantic seaboard. In a general way, this range becomes progressively narrower from Hamilton Inlet to Cape Chudleigh.

The distance from the Straits of Belle Isle to Cape Chudleigh, along the Labrador coast, is 760 English statute miles. This is divided into three principal courses, as follows: From Belle Isle to Porcupine Bay, due north (true), 120 miles; from Porcupine Bay to Nain, north-west (true), 290 miles; from Nain to Cape Chudleigh, north north-west (true), 350 miles. The coast-line is everywhere indented by inlets and fjords, and fringed with islands of all sizes, from mere rocks up to some measuring twenty-five miles in length. Most of the fjords are narrow and about twenty-five miles long; several are thirty-five miles, and Hamilton Inlet runs in from the open sea a distance of 160 miles. The general bearing of the fjords is at right angles to the coast line in the neighborhood. In a great many cases the islands are separated from one another, or from points on the mainland, by very narrow straits, with deep water, which have received the name of "tickles." With regard to the condition

below the level of the sea, it is stated in the *Newfoundland Pilot*, published by the Admiralty, that the shores from Davis' Inlet to Nachvak are comparatively free from reefs and sunken rocks, but that from Nachvak to Cape Chudleigh they are fringed with islets and rocks, to an average distance of five miles out. The coast of Resolution Island seems to be similarly studded with these impediments to navigation, and these circumstances appear to be connected with certain geological conditions, which will be referred to further on.

In approaching Ford's Harbor, which is on the eastern point of Paul's Island, the islands near which we passed consisted of bare rock, and although usually high and steep, they had rounded or glaciated outlines. Numerous perched boulders lay about either singly or in groups or rows, on the naked surface of the rock, wherever they could find a resting place. A short distance off the entrance of the harbor, we passed an island which, on the top and one side was literally piled with rounded boulders. On this island I noticed a dyke of trap about 100 feet thick, cutting through the gneiss in a west-north-westerly direction. On going ashore at Ford's Harbor we found the gneiss to consist of common reddish and greyish varieties, some parts of massive and others more finely and distinctly laminated. The average strike was south-east (true). The glacial striae were quite distinct in many parts, but were best preserved near the shore. They run in two principal directions, S. 45° E., and S. 80° E. (mag.) Perched boulders were observed on all the surrounding hills. In going from Ford's Harbor to Nain we followed the channel on the north side of Paul's Island. The rock appeared to be dark, massive and crystalline.

Our stay at Nain was so short that I had only time to examine the high ridge or mountain to the north and north-west of the Mission Station. The high shoulder of this ridge, we were informed, has a height of 875 feet above the sea, but the summit, a short distance further inland, must be at least 200 feet higher. The rock here consists of a rather light grey gneiss which strikes S. 45° E. (mag.) The glacial striae, which were seen with greater or less distinctness, all the way to the summit, run S. 65° E. (mag.) or about parallel to the valley which extends inland from the head of the fjord up which we had sailed to Nain, and with the same general bearing. Well rounded boulders were scattered over the flanks and summit of this high ridge; and they were quite prominent on the high bare hills on both sides of the inlet, all the way from Ford's Harbor. The appearance of the top of this mountain, with the boulders resting on the bare, sloping rock, is shown in one of the photographs taken at this spot. Mountains of equal or greater height were seen in all directions from this summit, except towards the eastward, where they die down to the sea level in the distance. On the next hill to the north-west, the weathered surface of the rock showed a rusty belt of a brown color, and of considerable extent, which was supposed to be due to iron pyrites. I was informed by the Moravian missionaries at Nain that the labradorite of this part of the coast is to be found at different places on Paul's Island, and at a fresh-water lake called Nunaingok, which lies at no great distance inland from the head of a bay to the north-westward of Nain. They said it was also reported to occur on a bay a short distance to the southward. I had not an opportunity of visiting any of these localities, but from specimens which I have seen, I have little doubt the mine occurs as veinstones, in which there are also crystals of pyroxene, iron pyrites and magnetic iron. In this connection it may be mentioned that I have seen a large specimen of coarsely crystalline labradorite rock from Hamilton Inlet, in which some of the faces showed a blue iridescence. The rose-red variety of anorthosite, called labrobite by Gmelin, is stated to come from an island called Amitok, on the old coast of the Labrador coast, about forty-five miles northward from Nachvak. When at Nain I obtained specimens of amazon-stone, which the Eskimo told me came from Port Manvers, and of paulite, a variety of pyroxene or hypersthene, which has been called "Labrador hornblende" and "metalloidal diallage." It was said to have been brought from Paul's Island. Mr. John Ford informed me that yellow mica, in flakes about the size of one's hand, was found on this island, about two miles north-westward of Ford's Harbor. In regard to the rocks and minerals of the Labrador coast, the

ing notes may be here given: I have received specimens of copper pyrites in a black slate, which were labelled as having come from Indian Island, on the north side of the entrance of Hamilton Inlet, and I have been otherwise informed that slates or schists occur in that neighborhood. A man from Nova Scotia stated to me that he had been engaged, with others, two years ago in mining copper and lead ores on Deadman's Island, which is situated a few miles north of Hamilton Inlet. The ore occurred in a vein between a rock like granite and a sort of sandstone or quartzite. Mr. King, the second mate of the "Neptune," said that copper ore was also found at Iron-bound Island or "Makoubik" (probably Makkovik of the chart), not far from Cape Harrison. One of the gentlemen we met at Nain informed me that he had heard of copper ore being found somewhere to the southward of that place, but was not aware of the locality. These circumstances point to the possible occurrence of deposits of copper in quantities of economic value on this coast. It is well known that productive mines of copper were in operation for a number of years on the adjacent coast of Newfoundland.

At Nain I noticed some freshly split slabs of a grey felsitic slate, which were being used as flag stones, and, on inquiring, was informed that they had been brought from Ramah, in the bay next south of Nachvak, where there was said to be a quantity of this rock in situ. The name of the bay is Nuilataktok, or Slate Bay. Our Eskimo interpreter, Lane, who was well acquainted with this bay, afterwards informed me that slaty rocks were abundant there.

While at Ford's Harbor and Nain I collected as many plants as the limited time would permit, and Professor Macoun's list of them will be found in the appendix. Rev. Dr. S. Weiz, who had long resided at Nain, had made a collection of the plants of the vicinity, which he had submitted to some of the leading botanists of Europe, who had attached the proper name to each specimen. He kindly allowed me to make a list of these and it is also given in the appendix, in one of the columns of the general list.

Although timber disappeared from the outer coast before reaching Nain, yet the trunks of trees may be seen in the valleys and on the more favorable slopes at the heads of the inlets, and we were informed that after going ten to twenty miles inland from Nain, from the coast for a considerable distance north of it, the whole country may be said to be wooded, as far as the condition of the surface will permit of the growth of trees, and that in favorable situations the spruce and tamarac attain a sufficient size to be sawn into lumber. At Nain, the trees consist of spruce, tamarac, and small rowans, but at no great distance inland, balsam fir, poplar, white birch and rowan may be seen to make their appearances.

In the gardens at Nain I observed the following vegetables: potatoes (a variety of low, flat, spreading tops), turnips, carrots, beets, cabbage, Scotch kail, a very large variety of spinach, lettuce, peas, beans and onions. There was also a great variety of flowers. The peas and beans were arranged so that they could be protected by glass if requisite, and the potatoes were planted in narrow beds, arched over with poles so that long sheets of coarse canvas could be thrown over them on frosty days.

Leaving Nain, our next stopping place was the Inlet of Nachvak, about 140 miles south of Cape Chudleigh. This inlet or fjord, with an average breadth of about a mile to two miles, runs in from the open sea a distance of about forty statute miles. The water in it is very deep, and the mountains on either side immediately overlooking it rise to heights of from 1,500 to 3,400 feet, but a few miles inland, especially on the south side, they appear to attain an altitude of 6,000 to 6,000 feet, which would correspond with the height of The Four Peaks, near the outer coast-line, about midway between Nachvak and Cape Chudleigh. The mountains around Nachvak are steep, rough sided, peaked and serrated, and have no appearance of having been glaciated, excepting close to the sea-level. The rocks are softened, eroded and deeply decayed. On precipices and steep slopes the stratification is well brought out by the weathering, so that the dips may be distinctly seen. The mountains on the north side proved to be mostly Laurentian

gneiss, notwithstanding their extraordinary appearance, so different from the smooth, solid and more or less rounded outlines of the hills composed of these rocks in most other parts of the Dominion. On the present occasion we stopped only at the Hudson's Bay Company's post, at a narrow part of the fjord, about twenty miles in from the open sea, and I had a few hours to examine the rocks, collect plants and take photographs in the neighbourhood. But in returning, in the month of October, we stayed for several days at a bight on the north side, a few miles from the entrance, where we built a station, and named the place Skynner's Cove. This enabled me to extend my explorations of the neighbourhood, and I shall now state the results of my observations on both occasions.

On the south side of the inlet at the Hudson's Bay Company's post, an escarpment rises to a height of 3,400 feet, as ascertained by Commander J. G. Bolton, R. N., but I had not time to visit it to determine the nature of the rock. A brook, which gathers its waters from higher ground further back, but which is not visible from the post, precipitates itself from the top of this great precipice in an almost perpendicular fall. The rock on the north side at this place consists of reddish gneiss, somewhat contorted and occasionally interstratified with dark micaceous layers. Two or three miles east of the post a good sized brook falls, in several almost perpendicular leaps, a height of 300 or 400 feet over these rocks. The strike of the gneiss in the neighborhood of the falls is S. 35° W. (true.)

At a point on the north side, estimated to be about nine miles from the open sea and eleven from the post, opposite to a bay on the south side, a mountain rises steeply to a height of 1,500 or 2,000 feet. It is composed of gneiss standing vertically and striking N. 25° W. (true), cut diagonally by a great many dykes of dark trap all underlying westward at an average angle of about 30° from the perpendicular. Some of them run together and others appear to die out in both directions on the cliff section. Some dykes of close-grained, almost black diorite, also cut the gneiss in the vicinity of Skynner's Cove. From the point above named to Skynner's Cove the rock along the north side appears to be all gneiss with a variable strike in different parts. Around this cove there is a variety of micaceous, and hornblendic schists passing into thinly bedded gneiss. The average strike is about S.W. (true). I was informed by our interpreter, whose home is on the south side of the inlet, that the Eskimoes obtained a kind of soapstone for making their pots in the vicinity of Skynner's Cove before they were able to procure others of metal. Along the northern part of the entrance to the inlet or about North-Head of the chart, the rock is a coarse, dull rock syenitic gneiss. At one place it encloses a mass, like a bed, of nearly white quartzite marbled with small elongated gray patches, but it appears to be cut off as it runs up the slope, although another exposure of white rock was seen some distance off in a north-easterly direction. Here the glacial striæ were seen on projecting points near the water, running with the axis of the inlet or about east. At Mount Razorback, which forms the outer point on the north side of the Nachvak Inlet the stratification is well seen, the dip being to the southward. The angle of dip on the outer or eastern part of the mountain is almost 60°, but this diminishes to 45° and finally to less than 16°, in going to the south-westward. Several large but somewhat irregular dykes of black-looking rock cut the strata of the mountain side at right angles to the dip in its varying inclinations.

On the opposite or south side of the entrance of the Nachvak Inlet, the dip of the bedding is S.S. W. (true), and the inclination, generally from 35° to 40°, but at one part it is 60°. Dykes were seen all along, cutting the face of the mountain range and running in a south-easterly direction.

On the west shore of the first cove, from the entrance, on the south side of Nachvak Inlet, the rocks consist of a coarse-grained slaty tufa or breccia, thickly studded with grains of quartz-opal. To the north, this passes into a sort of coarse cleavable grey syenite, which could be traced for two miles westward along the shore; while to the south of it is a coarse grey mica schist, running N. 25° W. (mag.) vertical. In this rock, and near the slaty breccia, a vein of quartz was found, from a foot to two feet in thickness, and holding patches of brown-weathering calspar

the rocks in the mountain, overlooking the south side of the inlet, opposite Skynner's Bay, have a slaty appearance, with some great bands of a light color and more solid aspect, the outcrop running nearly horizontally for some distance. I was unable to visit these bands, but our interpreter brought me a specimen, which he said he had broken one of them, and which proved to be a fine-grained light grey, silicious schist, which makes excellent bones. These and the other rocks on the south side of the inlet in this neighborhood, which have just been described, as well as a part of those on the north side, may belong to the Huronian series. Slaty rocks have been mentioned as occurring at Ramah, in the inlet, about twenty miles south of Nachvak. From the specimens which I have seen, these are probably of the same age, and they may be connected as one area with the supposed Huronian strata of Nachvak.

We were informed, both by Mr. George Ford, the agent of the Hudson's Bay Company at Nachvak, and our Eskimo interpreter, that at a short distance beyond the more distant mountains, seen to the west of the company's post, the country falls rapidly on the inland side, and soon becomes comparatively level. This description agrees with other accounts of the interior of the Labrador in the Ungava district. A wide level tract embracing the country drained by the George, the Whale and the Koksok, north, Big or Ungava Rivers, is said to extend southward a long distance from Ungava Bay. The surface is reported to be covered with a wet, peaty moss, growing upon barren sand, with the solid rock everywhere at a short depth beneath. The rivers and brooks are fringed with spruce and tamarac trees, but very little timber is to be met with between them. The mouth of the Ungava River is 155 miles south-west of Cape Chudleigh. In going by sea, from one to the other, Commander Bolton says, in the *Newfoundland Pilot*: "The high land of the Labrador shore could be seen towering above the scarcely discernable shore of Ungava Bay, for the first sixty or seventy miles." The Ungava River is navigable for sea-going vessels to a point three or four miles above the Hudson's Bay Company's post, Fort Nimmo, and boats may ascend it for seventy or eighty miles. The river is from one-quarter of a mile to a mile and a-quarter in width. Its upward course is S. by E. (true), and it passes through a barren undulating country. Spring tides at Fort Nimmo rise $38\frac{1}{2}$ feet, and the rapid currents produce dangerous whirlpools. Salmon frequent the rivers of Ungava Bay in great numbers, and for some years the Hudson's Bay Company have annually sent a cargo of them, in a frozen state, by a small steamship, to the London market, in addition to a considerable quantity of the salted fish. Besides salmon, the trade of this port consists of furs, seal and white porpoise oil, and deer skins, and is carried on with the Eskimo of the coasts, Cree Indians from the south-western interior, and Nascope Indians from the south-eastward.

Spruce timber begins to be met with, according to all accounts, about thirty miles to the south-west of the Hudson's Bay Company's post at Nachvak. The tamarac follows a short distance further south. To the westward of Nachvak, the northern limit of the spruce, according to Capt. William Kennedy, reaches the shore of Ungava Bay, north of the George River. On the western side of this bay the Eskimo informed me it begins to be found in the neighbourhood of Bay of Hope's advance, or five days' journey south-eastward of Cape Prince of Wales, on the south side of Hudson's Strait, and that in this neighbourhood it was found further north in the interior than near the coast. In addition to spruce and tamarac, balsam-fir, canoe-birch, aspen and balsam-poplar are reported, on good authority, to exist in the interior of northern Labrador, but at some distance further from the coasts of the Atlantic and the Strait than the first mentioned.

On the East-main coast of Hudson's Bay the northern limit of the spruce was found to be a few miles north of Richmond Gulf, but it was reported to extend much further north at a distance inland from this coast. On the west side of the Bay it was seen in considerable quantities all along the coast, from Cape Churchill to Button's Bay, and Mr. George McTavish, who has made several coasting voyages to the north, and who, at my request, has kindly made observations and collected information from the natives in regard to the distribution of timber, informs me that it

leaves the shore about twenty miles beyond Seal River. He was told by the Eskimo of these parts, who travel a good deal in the interior, that spruce timber begins to be met with at two days (say fifty-five miles) west of the mouth of Big River, and that it is considerably further inland, opposite to Eskimo Point, which is about in latitude $61^{\circ} 40'$. From this neighbourhood it runs west north-westward and crosses the Coppermine River about twenty miles from its mouth, and thence reaches nearly to the mouth of the Mackenzie River.

On leaving Nachvak, we sailed up the coast, passed round Cape Chudleigh, through Gray's Strait, which is between it and the Button Islands, and entered Ungava Bay. According to the chart and the *Newfoundland Pilot*, the cape rises to a height of 1,500 feet above the sea, and the highest point of the Button Islands has an equal elevation. The outlines of these islands and of the southern shore of Gray's Strait, although bold and steep, are rounded, as if they had been glaciated. At the west end of the south-eastern island of the Button group a great rock has been excavated into the form of a half arch, which rises out of the water and rests, at its summit, against the cliff which forms the extremity of the island. The rocks of the islands and the south side of the strait appear to be all gneiss.

On the Ungava Bay side of Cape Chudleigh we entered an inlet about ten miles southward of the extremity of the land, and discovered a harbour on its north side, which we named Port Burwell, after Mr. H. W. Burwell, the gentleman who was left in charge of the station (No. 1) which we built here. The hills, for a few miles around Port Burwell, are only moderately high and are not generally steep. Their outlines are rounded and their rocky surfaces have scattered upon them numerous boulders as well as finer rocky *débris*. The rock everywhere consists of ordinary varieties of gneiss, the commonest of which are massive reddish and dark hornblende and micaceous. The strike at the Port varies from $N. 20^{\circ} E.$ to $N. 40^{\circ} E.$ (mag.) The glacial striæ at the observatory station run $S. 35^{\circ} E.$ (mag.), but among the hills in the neighbourhood they were observed to follow the trends of the valleys with a general south-eastward course by the compass. A short distance south of the station, a vein, varying from 8 to 13 inches in width, occurs in the gneiss. Its direction corresponds nearly with the strike, which is here $N. 20^{\circ} E.$, running with the stratification for a short distance, breaking across to other beds, following them for a short distance and then jogging off to others. It consists of light grey dolomite and white quartz, holding a little iron pyrites and some crystals of quartz, rendered ruby-colored by a layer of oxide of iron under the faces.

From Port Burwell I explored the inlet to the south-eastward, and found it to be a strait dividing into two branches at five miles from the Port, the northern of which was ascertained to run through to the Atlantic. The Eskimo whom we met in this strait informed us (through our interpreter) that the southern branch also continued through to the ocean. They also told us that there was no other channel to the south of this between Ungava Bay and the sea to the east. We named this newly found channel McLelan's Strait, in honor of the Minister of Marine and Fisheries, and the north-west point of the main land, Cape William Smith, in honor of the Deputy Minister. At six miles from Port Burwell the northern branch of McLelan's Strait has contracted to half a mile in width, and has become flanked by high and steep hills, rising from either side. The tides, which at springs have here a rise and fall of upwards of twenty feet, run with great velocity through this narrow part. The locality is called Nunaingok by the Eskimo, which means the Hidden Place, and the same name is applied to one or two other localities on the Labrador coast. In proceeding from Port Burwell to Nunaingok, our course was $S. 5^{\circ} E.$ (mag.) or $S. 55^{\circ} E.$ (true), and the country on either side of McLelan's Strait showed less and less evidence of glaciation. Even close to the shore, in approaching the higher hills which begin at Nunaingok, the gneiss is deeply decayed, the softening process having extended particularly along the joints which run both vertically and horizontally, leaving only hard kernels with a more or less rounded outline, between them. Nunaingok is situated on an alluvial flat, extending between the two branches of the strait. The hill which rises steeply on the south side of it is about 700 feet high; but

further in, between the branches and on either side of them, the mountains are from 1,500 to 2,500 feet high, and have rugged tops and sides. Rounded boulders were found scattered all over the side and top of the hill just referred to; but although it had probably been somewhat glaciated, it had not been planed down to hard surfaces, but had an irregular outline, and the rocks were much disintegrated. Among the transported boulders and pebbles scattered over its surface, some of brecciated drab limestone with clear quartz grains, pinkish red sandstone, red jasper and magnetic iron, were noticed. Fragments of grey, drab and yellowish limestone, with obscure fossils, were common around the base of the hill. The glacial striæ were well seen on the southern side of the hill referred to, where, in one case, they were observed to groove longitudinally a vertical wall, and even the under side of an overhanging shelf of rock. The general direction was S. 25° E., or with the course of the south branch of the strait.

The fixed rocks around Nunaingok, as far as I had the opportunity to examine them, were all gneiss, the average strike of which was N. W. (true.) On one of the mountains on the north side of the northern channel a wide belt of brown, iron-stained rock runs diagonally through the ridge, the color being probably due to the decomposition of iron pyrites, but I had not time to visit the place.

At Nunaingok, on top of a bank of sandy earth, are the remains of an old Eskimo village. The roofs of most of the underground houses had fallen in, leaving only large circular pits. Some of these had become partially filled up, showing great antiquity. A few of the newest of them had been inhabited within a year. Some Eskimo camped in the vicinity informed us, through our interpreter, that this had once been a comparatively populous village, and a resort of their people as far back as their traditions extend. It is their custom to live in the underground houses from the commencement of winter, some time in November, till January, after which they leave them and spend the rest of the winter in igloos or snow houses. The water in the north branch of McLellan's Strait, they informed us, is open all winter at this point, and is much frequented by seals, which afford them a reliable supply of food. These animals they kill either from their kyaks or by spearing them from hiding places which they have built of stones on every ledge and point of rock past which the seals are accustomed to swim. Great numbers of bones of seals, walruses, reindeer, foxes, hares, birds, &c., lie scattered about on the surface and mixed with the earth around the old dwellings. The remains of stone pots and implements near others of European manufacture showed a transition from the barbarous to a civilized condition. I was told by one of the Labrador missionaries, who had had a long experience of these people, that the comforts and conveniences of civilization rendered the Eskimo less vigorous and healthy, and, as a consequence, their numbers are diminishing.

The "Neptune" was anchored in 15 fathoms at low tide in Port Burwell. The bottom was a sandy mud, and was found, by dredging, to abound with shellfish, echinoderms and crustaceans. During our stay, from the 5th to the 8th of August, the water teemed with fine cod, which were taken in great numbers by jigging. Many of them were tolerably large, and they were of excellent quality, contrasting, in this respect, with the cod we had got at Nachvak, Ford's Harbor and a fishing station on some islets we had passed to the south-east of it. Most of our crew had had more or less experience of the Labrador fisheries in previous years, and the superior quality of the Port Burwell cod was a subject of general remark among them. On our return to Port Burwell we found the fish still abundant on the 27th and 28th of September, and the party in charge of the station informed us that they could catch them any time they chose in the interval. At Nachvak the fishermen began to take cod on the 17th of July, and they were catching them in great numbers at the end of the month. During our stay in Skynner's Cove, in the inlet, from the 30th of September till the 6th of October, we caught as many as desired, by jigging from the ship's deck. From all that I could learn by enquiries along the Labrador coast and from our crew, it would appear that although the dates vary in different years and at different places, the average time for the cod to strike the shores is the middle of July, and that the particular time at any locality depends more on the presence or

absence of ice than on its latitude. If this condition happened to be the same all along, the fish would appear at the same time at every part of the coast. This would be the natural inference, since there appears to be no other difference in the conditions which would affect the cod along the whole coast. Bait is used as far north as Cape Harrison, but beyond that the fish are so numerous and voracious that the naked jigger alone is required. The fish are dried on flakes as far as Indian Harbor, but on the more northern parts of the coast they are spread upon the shingle or the smooth, rounded rocks.

Station No. 2 was intended to be placed on Resolution Island, or one of the Lower Savage Islands to the north-westward of it; but after spending part of two days in endeavoring to find an anchorage or a harbor on these islands, the attempt was abandoned until we should be returning after establishing the remaining stations. A near view of Resolution Island was not obtained on this occasion, but the southern shores of the Lower Savages were seen closely enough to determine the rocks to be massive gneiss, of which the prevailing color was red. The iron-bound shores of these islands rose abruptly several hundred feet above the sea.

On leaving the Lower Savages we proceeded up the Strait to the vicinity of North Bluff, but at a long distance from shore, until we came directly opposite to it. We anchored in a bay two miles east of the Bluff, which we called Ashe's Inlet, after Mr. W. A. Ashe, D.T.S., who was to have charge of the observatory station (No. 3) which we proceeded to erect on the eastern side of the bay.

The rocks on the west side of Ashe's Inlet consist of dark grey gneiss, composed principally of quartz and felspar in even beds. The general strike, which is pretty uniform, is east and west (true), and the dip, north at an angle of 40° . On the higher levels the surface of the rock is decayed into half isolated boulder-like masses. In the vicinity of the station, on the east side, a common variety of gray micaceous gneiss is met with, striking with regularity to the N.W. (true). A mile to the northward, however, on this side of the inlet, it has become east and west (true), corresponding with the strike on the west side. The country was examined for several miles inland, or what I judged to be about the centre of the (Big) island, and found to consist entirely of common varieties of gneiss, with a prevailing westerly strike. It contains many veins of "hungry" or barren milk quartz. Some of them hold felspar and black mica, giving them a somewhat granitic character. In one of them the felspar, which was white, was observed to be striated. The hills have a rounded sweeping outline, and their summits are a considerable distance apart. The wide even spaces between them hold shallow lakes, surrounded with green meadow-like flats and mossy slopes. Numerous rivulets and brooks run down the hills and discharge the waters of one lake into another. The general aspect of the landscape reminds one of some parts of the Highlands of Scotland. A shallow looking lake, with many low stony points, begins about three miles northward of our anchorage, and has a length of about three miles. It discharges south and westward into Ashe's Inlet by a wide, rapid and shallow stream, which we called Edith River. The Eskimo informed us that at certain seasons large trout were abundant in this lake and river.

Around Ashe's Inlet the glacial striæ run about S. 65° E. (true). On the tops of the hills the rocks are much weathered and only faint traces of the striæ remain. In these situations ridges of gneiss boulders, with an easterly direction, were occasionally met with. One of them, on a hill a short distance north of the observatory station, has evidently accumulated in the lee of a knob of rock which stands at its western extremity. Among the prevailing gneiss boulders scattered on the hills and plains were found several of grey dolomite like that of the Manitouink group of rocks (Cambrian. See Geological Survey Report for 1877, p. 11 C.) and of the soft buff grey dolomite like that of the Churchill River. (See Geological Survey Report for 1879, p. 18 C.). I also found a large decomposed boulder which had been made up of coarse radiating crystals of greenish grey hornblende. A bed of the same rock was afterwards found interstratified with the gneiss at Cape Prince of Wales, on the south side of the Strait, opposite to Ashe's Inlet. A small piece of greyish crystalline limestone was picked up near

Ashe's Inlet, which bears a very close resemblance to a variety common in the Laurentian bands of the Ottawa valley.

Some heavy field-ice had drifted into Ashe's Inlet before our arrival there. The Eskimo informed us that this was the first time in their knowledge that such a thing had occurred, and this circumstance afforded us another proof of the unusual abundance of this kind of ice the present summer. Several of the pieces or "pans" were upwards of 20 feet thick, and as the tide has here a rise and fall of more than 30 feet, some of them were left dry at low water and were found to consist of solid blue ice. The outlines of these pans, as seen floating in the sea, more frequently approach a quadrilateral form than any other. This kind of ice was afterwards seen in great quantities around Salisbury and Nottingham Islands, in the mouth of Fox's Channel, down which there appears to be no doubt, all the heavy ice of Hudson's Strait, comes. On reaching the Strait it projects towards the south shore and breaks off in fields of greater or less extent which float up and down with the tide, always working to the eastward, and part of it finally escapes into Davis' Strait. Hudson's Strait, however, being about 500 miles long, the tendency of the wind and tide is to drive much of it ashore, or to imprison it in bays and inlets. Once it has reached such situations, the lee afforded by the high lands often prevents it from being drifted out to deep water again. In this way, during the present season a large quantity of it became fixed in Ungava Bay and detained the Hudson's Bay Company's steamer "Labrador" for twenty-one days, being the first time, I understand, that any detention of the kind has taken place. Mr. L. M. Turner, of the Smithsonian Institution, who was at Fort Chimo at the time, informed us that the thickness of some of these blocks of ice was measured, and in one case found to be as much as 42 feet. Mr. Burwell, at Station No. 1, on the west side of Cape Chudleigh, reported that, during August and September, he observed these heavy pans floating south-westward into Ungava Bay, but never returning past his station. At Ashe's Inlet the observer reported that the ice always floated back, or westward, a short distance, with each tide, but finally disappeared to the eastward. Some of this heavy ice was stranded about Cape Prince of Wales in the latter part of August and the first half of September, but it had all gone when we re-visited the station here on the 23rd of September. At Nottingham Island we observed some of the heaviest "pans" stranded in 6 fathoms of water, and they would, consequently, be about 40 feet thick.

I tested the ice of the stranded pans in some places, and always found it fresh. This would be the case, notwithstanding that the ice formed in sea water, for most of the salt would be thrown out in the freezing, and what might remain would drain away near the surface on exposure to the mild air of summer. Owing to the somewhat poor heat-conducting power of ice, it is not possible that so great a thickness as 40 feet could form in one winter in Fox's Channel. It is probable that a good many years would be required. In regard to the quantity of ice which has been observed in Hudson's Strait, a study of the experience of the vessels which have navigated these waters, as well as of that of the ships of the Moravian Brethren coming to the coast of Labrador, would seem to show that there is a succession of good and bad years, with a minimum, and a maximum at perhaps seven or eight years apart, or in cycles of some fourteen or fifteen years; also, that there may be a maximum intensity in these cycles themselves, so that perhaps every third one will be more favourable in the minimum of ice and more severe in the maximum than the two intervening ones.

The fact that most of the ice-pans of Hudson's Strait, when not covered with fresh snow, are colored with dust and earth, points to their formation near shore, and also to their remaining there during one summer at least, when the ground is bare of snow and the surface not frozen. The dust appeared to be in too great quantity to be of cosmic origin. These pans sometimes carry gravel on their backs, a circumstance which was noted in my report for 1880, p 20 C. When at Ashe's Inlet, a fact was observed which may explain the last mentioned phenomenon. Some tolerably thick ice still remained attached to the shore at high tide mark. During the melting of the snow on the hills above it, torrents had carried a quantity of stones and earth

out of an adjacent bank and deposited them upon the surface of the ice. The connection between this ice and the shore being sufficiently weakened, the next spring-tide would carry it out to sea, as previous tides had already carried parts of the adjoining ice, similarly laden.

The icebergs of Hudson's Strait are of comparatively small size and are or have been mostly flat-topped. The original appearance of some of them has been altered by foundering and canting, which have occasionally been repeated several times, the various positions which the berg has occupied being indicated by water-lines now standing at different angles to the surface. These small icebergs are most numerous along the northern side of the Strait, and they have never been observed west of Fox's Channel, out of which they proceed. They are supposed to originate from glaciers on the shores of this channel, but it is possible that they may come through the passages which are believed to run into it from Baffin's Bay and Lancaster Sound, or through Fury and Hecla Straits, in all of which the current is known to set southward.

The soil or drift material of Hudson's Strait is probably permanently frozen at a certain depth below the surface, although our interpreter told me it was not so at Nachvak, nor does it appear to be the case at Nunaingok, in McLellan's Strait. On Nottingham and Digges Islands, when the gneiss has been glaciated and its hard surface exposed to the cold, it appears to have become so deeply chilled that its temperature does not rise above the freezing point in summer, except in the direct sunshine. Whenever water in small quantities had flowed over these rocks at night or in the shade during the day it had become frozen.

While the "Neptunæ" was lying at Ashe's Inlet a party of Eskimo from the eastward came on board. They brought with them plates of good, light coloured mica and pieces of pure foliated graphite, also a small piece of iron pyrites, and one of amorphous graphite. In reply to questions, they stated that they came from a place called Kimnirook, about two days' journey by kyak, to the eastward, and that they had gathered these specimens in that vicinity. They further stated that there was plenty, both of the mica and the foliated graphite. Having assembled these visitors, and also the Eskimo of North Bay, who were already at the Inlet, a party of thirty-eight in all, I exhibited to them my collection of minerals, and passing them round, one at a time, enquired successively if any of them had ever seen a mineral like that. In return for any information which they might give, I offered them tobacco, ammunition, kettles, &c., all of which they coveted very much and might easily have invented stories as to the occurrence of minerals in these regions in order to gain the articles offered. But the only kinds they recognized, besides those of which they had brought the specimens above mentioned, were a bright red hæmatite occurring inland from Kimnirook, and a rather hard and inferior variety of soapstone, which they used for making pots before they obtained metal ones from the white men, at the western end of Big Island (in which this inlet and North Bluff are situated). They said they had observed plenty of hard white stones, like the quartz exhibited, in various localities, but no soft white ones such as the marble, gypsum, barytes, &c., the hardness of which they tested with their knives.

During our stay at Ashe's Inlet, the Eskimo killed two reindeer in the vicinity, and, judging from the numerous tracks, of these animals they would appear to be common; but the natives informed us that they were much more abundant on the mainland to the north, where they are in the habit of hunting them most of the summer, coming again to the sea shore to live on seals and walrus during the winter. Three young harp seals were killed in the inlet during our visit, and as we steamed out of it we saw two walrus. One of our party obtained the tusk of a narwhal from the Eskimo who visited this inlet. Arctic hares were numerous on a small island, to which the foxes could not gain access. Gulls, gannets, guillemots, eider ducks and ptarmigan were the commonest birds. The young of the last named were about three parts grown on the 15th of August, and could fly with the adult birds. The Eskimo informed us that large trout were abundant, at certain seasons, in what we named Edith Lake and River, a few miles north of the observatory station.

Driftwood, all spruce, of which a considerable quantity had been seen at Port Burwell and in McLellan Strait, was entirely absent at Ashe's Inlet, and Nottingham Island, and was scarce at Digges Island and Cape Prince of Wales.

We left Ashe's Inlet on the evening of the 16th August, and arrived at Cape Prince of Wales, on the opposite side of the Strait, on the morning of the 17th, the distance being about 60 geographical miles, and the course about S. S. W. (true). Prince of Wales Sound lies to the south-eastward of the cape, and appeared to be about 15 miles broad. We selected a place on the inner side of the cape for building the observatory station, and named it Stupart's Bay, after Mr. R. F. Stupart of Toronto, who was to have charge of it. The highest hill on the west side of the bay was ascertained to have a height, according to the barometer, of 340 feet, and the highest to the south of it to have a height of 180 feet. The rocks in the vicinity of the bay were found to consist entirely of Laurentian gneiss. In the hills on the west side of Stupart's Bay, the strike is from S. to S. 40° E. (mag.), or nearly east and west (true). The gneiss in the hills, both to the south and west, is cut by numerous veins and bunches of milk-white quartz, which in various parts are so conspicuous on the bare surface as to be seen from considerable distances. In one place on the eastward slope of the hill to the west a group of parallel veins of this mineral, varying from a foot to two feet in width, is traceable for some distance. Their course is slightly sinuous, but the average run is N. 55° W. (mag.). Red felspar occurs in some of these, and occasionally a little black mica. The top of this hill is rounded and striated. The glacial grooves are quite distinct. On the highest point their direction is S. 60° E. (mag.). A little below the summit, on the south side, they run S. 50° E., while at the observatory station, near the sea shore, their course is S. 40° E. (mag.).

Viewed from the top of the hill just referred to, the slopes and valleys to the north-eastward are full of ponds resting in basins of solid rock. Boulders are perched on the summits and slopes of all the hills around. Beaches of shingle, as fresh looking as those on the present sea-shore, except that the stones are covered with lichens, may be seen at all levels, up to the tops of the highest hills in this vicinity. The long sloping hillside to the south of the observatory station is covered with fields of shingle and small round boulders, all blackened by the lichens. At the northern base of the ridge, to the north-west of the station, is a large dry basin-like depression, with a notch on the outer side, through which it has formerly communicated with the sea. From the notch, the shingle and mud are spread over the floor of the basin in a fan-like fashion, as if the tides had rushed violently in through this opening. The materials of the raised beaches above referred to consist principally of gneiss with milk quartz from the veins of the neighbourhood, together with a few fragments of yellowish grey dolomite, with obscure fossils, a hard and nearly black variety of silicious clay-slate, with an occasional boulder of dark, hard crystalline diorite.

Prince of Wales Sound has a breadth of, apparently, about fifteen miles, in a due S. E. bearing from Stupart's Station, on the inner side of Cape Prince of Wales, and of probably eight or ten miles in a southerly direction. A long arm, the north shore of which I reached at two and a-half miles due S. W. from the station, runs due west from the western side of the sound. This appeared to be the favourite resort of the Eskimo, and I propose to name it, for convenience, Eskimo Inlet. A small rapid river was crossed between the station and the inlet. The Eskimo informed me that another river enters the head of this inlet, and that it passes through two good sized lakes not far from the sea. Some large trout, which they had brought to the ship, were stated to have been caught in this river. Salmon were said to be found in another river entering the sound at a point about south of Stupart's Bay.

The hills of gneiss between Stupart's Station and Eskimo Inlet are pretty thoroughly glaciated. The ridges and hummocks, as a rule, present smooth gradual slopes to the west and abrupt craggy faces to the east, showing that the movement of the ancient ice was from the west. The striæ are well seen in many places on the hills, the average direction being S. 40° E., (mag.) or about due east, astronomically. On the shore of the inlet they run a little north of true east or parallel with the course

of the inlet itself. Here I found a good many boulders of grey and yellowish limestone on the beach.

The gneiss along the northern shore of Eskimo Inlet is of the ordinary variety, and has an average strike of N. 20° W. (mag.) One of the veins of white quartz in this locality contains purplish red calcspar, in rather coarse crystals of a uniform size, both the color and texture closely resembling some varieties of the banded crystalline limestones of the Laurentian series in the County of Lanark. Dark crystals of epidote occur along with it. Light green amorphous epidote and a bright red felspar are associated in some of the quartz veins of the vicinity. One of the Eskimo had a small lamp made of a soft, grey variety of schistose mica rock, which he said occurred on an island in Prince of Wales Sound.

From a hill near Eskimo Inlet a view was obtained far inland to the west. The surface of the country in that direction appears in long sweeping outlines, terminating in mountain ranges in some of the higher parts, and resembles the landscapes in various parts of Newfoundland.

The Eskimo report reindeer to be plentiful around Prince of Wales' Sound at certain seasons, being most abundant, I understood, in the winter. During the interval between our two visits to the sound, the natives killed several, and a member of the observatory party shot one, in the vicinity of Stupart's Bay. These people also told us that the polar bear was common on the southern shore of the Strait, to the west, and that Ane-ugi, or Snow Island, about eight miles above Cape Prince of Wales, was a favourite place for them to land. The walrus is found at this cape at most seasons of the year. We saw several in going out and in with the "Neptune," and our interpreter killed one while we were lying in Stupart's Bay.

The Greenland, or harp seal, (*Phoca grænländica*, Fabricius) was the species on which the Eskimo were living during our visit to Prince of Wales' Sound, but they had in their possession the skins of a good many harbor and square-flipper seals. (*Phoca vitulina*) (Linn.) and *Erignathus barbatus* Fabricius). Some of the last mentioned were very large, stretching from the apex of a wigwam to the ground, and measuring 11 or 12 feet in length.

In reply to questions put to the Eskimo here, through our interpreter, they informed us that not only the Strait itself, but even Prince of Wales' Sound, did not freeze over in the winter, but that ice drifted up and down with the tides. They stated that ice formed in the coves and around the shoals and islands off the cape. The chief reason why they live in this vicinity is that Cape Prince of Wales being "a good place for ice" they are more certain of a steady supply of seals and walrus than elsewhere.

As to the supposed passage or channel between Bay of Hope's Advance and Mosquito Bay, they did not appear to have any personal knowledge. Our interpreter did not think it existed, but as he came from the eastern Labrador, he had no definite idea on the subject. Being an egotistical individual, and wishing his own opinion to prevail, it was impossible for me to get a fair expression of the views of these people on this important matter.

We left Stupart's Bay at Cape Prince of Wales, on the evening of the 22nd of August, and arrived at the southern part of Nottingham Island on the morning of the 24th. In passing the south side of Salisbury Island, the hills of the western part were observed to have more even outlines than those of the eastern, as if the glacial force had come from the westward. We anchored in 5 fathoms of water, in an inlet a few miles east of the most southern part of Nottingham Island, and found a suitable place for the station close to our anchorage, and on the north side of the inlet, which we named Port DeBoucherville, after Mr. C. DeBoucherville, of Ottawa, who was to have charge of this observatory.

Around Port DeBoucherville, and for some distance to the westward, the country consists of island-like hummocks of rock, more or less separated from one another and surrounded by clayey mud. The lower parts of these muddy intervals are partly overflowed by the tide, rendering the water turbid in all the bays and inlets of this part of the island. The clay is mingled with boulders and gravel, and it extends below the bottom of the sea on the one hand, and up the valleys to a height of 50 to

100 feet. In preparing to leave the port, it was found difficult to start our anchor out of the mud, some of which came up on one of the flukes, and proved to be an exceedingly tough bluish-grey clay, containing grains of coarse sand disseminated through it.

I explored the country to a distance of about three miles in various directions from our anchorage, and found the rocks to consist of common varieties of gneiss, the only exceptions noticed being patches of a fine-grained red syenite on both sides of the inlet. The average direction of the strike is south-west (true) but there are numerous local variations which, however, seldom carry its course outside of the south-west quarter of the circle. The joints in the gneiss run about east, or nearly parallel with the glacial striæ, and this is also the direction of a number of long cuts and straight valleys or gorges in the gneiss, which have, therefore, an oblique angle to the strike. The bottoms of these depressions are filled with boulder clay, which, on the surface, has a structural arrangement parallel with the walls, apparently due to a process of expansion and contraction and of heaving, on account of the intense frost of this region. In narrow cuts or gorges the heaving of the clay was greatest along the sides, which had the effect of sorting out and throwing the boulders to the centre, where they formed rows as regular as if they had been placed artificially.

The direction of the joints in these rocks may also be that of dykes and veins, which, owing to decay and subsequent glacial action, would now be concealed in the bottoms of the depressions above referred to. At a projecting point on the side of one of them, however, and running parallel to its walls, I found some straggling veins of hard grey dolomite, weathering brown and holding scales of mica.

The rocks of the lower levels are well glaciated, and from upwards of twenty trials in various situations around Port DeBoucherville, the average course of the striæ across the south end of Nottingham Island was ascertained to be S. 30° E. (mag.), or only a few degrees southward of true east. That the direction of the glacial movement was towards the east is obvious from the contour of the *roches moutonné*, the mode of the fluting of perpendicular walls and of channels cut in the rocks, as well as by the direction of the curves of the semi-circular lines across the larger grooves themselves. A valley, with a south-eastward bearing, enters the head of Port DeBoucherville, and along it the grooves partake of the same direction, showing that while the low southern portion of the island was swept by a great glacier from the west, another was traversing it from the north-west. Nearly half of the boulders, stones and gravel of the drift are grey limestone, like that of the Manitounik (Cambrian) group, indicating the proximity of these rocks to the westward. The grey quartzite of this series is also well represented. One piece of this rock contained the characteristic spherical spots of a softer nature and lighter colour, which usually weather out into hollows on exposure. There are also fragments of black slate and red jasper, both of which have been found in the Manitounik group. Two pieces of fine-grained white quartzite were noticed, which may have come either from rocks belonging to this group or to the Huronian series. A fragment of red sandstone conglomerate was also observed, of the same kind as that which underlies unconformably the Manitounik rocks, and is so largely developed at Little Whale River and Richmond Gulf. (See Report of the Geological Survey for 1877, pp. 13 and 14 C.) No shells were found in the boulder-clay, but a few common species were abundant in a bank of stratified sand, having a height of about 8 feet above high-water mark at the head of a bay.

During the interval between our two visits to Nottingham Island, the observatory party saw a few reindeer, but the numerous tracks and droppings of these animals show that they exist here in considerable numbers. Several of their shed antlers were found, and all of them had the upper tines curiously hooked and curved inwards—a peculiarity which would be incompatible with forest life. We saw a few walrus when first approaching the island, and while the station was building, but they were quite numerous upon the ice which we passed through to the south of it on our return on the 20th of September. These animals accompany the ice during the summer, and its unusual prevalence in this quarter the present season was shown by the blighted condition of even the Arctic vegetation of the island. Arctic hares and foxes were seen, and both appeared to be abundant.

Among the more noticeable birds which breed on Nottingham Island, are the Arctic loon (*colymbus arcticus*, Linn), and the whistling swan (*cygnus americanus*, Sharpless). We killed four old swans, all moulting, and two young ones, nearly full grown, on the 27th of August, and the male, female and young of the Arctic loon.

At Port DeBoucherville I found distinct remains of a very ancient Eskimo camp in the form of heaps and circles of stones, like those of the modern Eskimo, on a raised beach at the head of what had been a cove. From what I have seen of the situations, which the Eskimo, in various places in Hudson's Bay and Strait, choose for their camps, there appeared to be little doubt that they had lived here when the sea-level was 20 to 30 feet higher than it is at present. On the rocks facing the open Strait, just south of the inlet, the more recent works of these people are well preserved, although they are probably upwards of 100 years old. Besides numerous rings of tent-stones and some shapeless heaps, there are here several rectangular walls a few feet high, and caches of a bee-hive form, each about 6 feet in height and 7 feet in diameter. Two of the latter are nearly complete, and are adapted either for storing meat or as hiding places or "stands" from which to kill game. A good photograph of one of them was obtained.

When we left Nottingham Island, it was proposed to place the next station on the south point of Mansfield Island, but the locality having been found unsuitable, the station was built on Digges Island, off Cape Wolstenholm, on our return voyage. As the geographical position of this station comes next in order, I shall now state the observations which were made during our visit to the locality. Heretofore the name Digges or Cape Digges has been applied on the sketch charts to several islands, represented as lying off Cape Wolstenholme. Our explorations went, however to show that there is only one island from ten to fifteen miles in length. The bare hills of which it is composed are divided into several detached groups by straight, transverse valleys, cutting well down towards the sea-level, thus giving the appearance of separate islands, when viewed from a distance. The greatest length of the island lies about east and west (true). As this is also the commonest direction of the strike of the gneiss, most of which is red, and also of the glacial striæ, the island has become divided by longitudinal valleys, some of which, too, were traced in nearly straight courses for several miles.

We found a good harbour on the south side of the island, about a mile from its western extremity, well sheltered from all quarters except the south-west, with good holding-ground and a convenient depth of water. The station was built on its south-east side, and placed in charge of Mr. A. N. Laperrière of Ottawa, after whom the harbour was called Port Laperrière. Only a narrow neck of land separates the head of the harbour from Hudson's Strait to the north. Between this and the western extremity of the island the hills have a rounded outline, and raised beaches, composed mostly of coarse shingle, form a prominent feature on their slopes, all the way from high tide mark to their summits, the highest of which is between 300 and 400 feet.

On the north side of Port Laperrière a light-colored quartzose band of gneiss contains numerous claret-colored garnets. Here the strike is N. 35° W. (mag.), but to the eastward of the harbour it is N. 45° W. (mag.), the bedding running in straight lines over a considerable area. At four miles east of the harbour, and towards the north side of the island, the gneiss strikes N. 50° W. (mag.). A well marked valley, with a chain of lakes along its bottom, comes to the south side of the island, about two miles east of Port Laperrière. It runs about east by north (true), and was explored for five or six miles without coming to the end of it. The general strike of the gneiss was parallel with the valley all along.

The red gneiss, which rises from the shore on the north side of the valley, running eastward from the head of the harbour, is cut by two parallel fissures, only 3 or 4 feet apart, with well defined, slickensided walls, the intervening mass simulating a vein; but it is composed of red gneiss, all divided into small, sharp, angular pieces by a multitude of joints intersecting each other in all directions, and often lined with green epidote, which in this region very frequently accompanies veins and

dislocations. These fissures run in a north-easterly direction, but curve about a good deal. They are accompanied by a small quantity of a handsome variety of red pegmatite, the quartz of which is blue, and the mass is occasionally streaked with bright green epidote.

Around the western part of Digges Island the course of the glacial striæ is from S. 70° E. to S. 75° E. (mag.); but in the interior it averages S. 55° E. (mag.), or with the general direction of the valleys.

We saw no Eskimo about Digges Island, but they appear to have visited Port Laperrière in recent years, as the remains of their camps were found in two or three places close to high tide mark. Some ancient camping places were also observed around this harbour, which, from their elevation above the present beach, the decayed nature of the larger bones lying about and the manner in which the circles of stones were embedded in the moss and overgrown with lichens, were supposed to be from 100 to 300 years old. Still more ancient works of the Eskimo were discovered in the valley which comes down to the head of the harbour. These consist of a row of stones lying in the vegetable matter at the surface, touching each other and running at right angles to the brook, at a contracted part of the bottom of the valley, which would be suitable for the Eskimo method of trout-fishing if the sea were 75 or 80 feet higher than it is at present. If the sea has receded as rapidly as 7 feet a century, these works would be upwards of 1,900 years old, and if the rate has been less they must be even more ancient.

The same day that we arrived at Port Laperrière (16th September) a she polar bear and her two cubs were killed in the interior of the island, about two miles from the ship. The cubs were somewhat larger than sheep, and were probably between seven and eight months old. Our party having approached them cautiously, one of them was observed sucking its mother. I examined the stomachs of all three, and found them to contain nothing but partially chewed grass. About four quarts of this were found in the stomach of the old bear and two and a-half and one and a-half respectively in the cubs' stomachs. I had been informed by some Eskimo and Hudson's Bay Company's people that the polar bears sometimes eat grass, and I had occasionally seen along with their tracks, dung which could scarcely have been dropped by any other animal, and which was made up of the remains of comminuted grass and other vegetable matter. The three bears referred to were killed on a grassy spot where they had spent some time, apparently for the purpose of eating grass, and this was probably their only object in wandering away from the sea. The presence of the newly swallowed grass in such quantity in the stomachs of all three convinced me that these creatures live, to some extent, on vegetable food. On the 30th of August, while sailing down the east side of Mansfield Island, we saw a large polar bear and cub running along the rocks about a mile back from the shore. Walruses were numerous around Digges Island during our stay there. They were always in the water and were generally seen in groups of from three to seven or eight.

We arrived at the eastern part of Mansfield Island, about mid-way down, on the morning of the 30th of August. Its even outline presented a remarkable contrast to the shores of Hudson's Strait. It resembled a gigantic ridge of gravel; but stratified rocks, in low horizontal ledges, appeared here and there, through the *débris*, at different levels. At one place, four or five miles inland, the island rises to an elevation of about 300 feet above the sea, and this was the highest point observed upon it. Small streams appear to run out upon the eastern shore, as narrow cañons are cut in the rock in a few places. The monotony of the eastern slope of the island is broken at one locality by the rocks projecting through the *débris* in a form resembling an old castle, with three towers on the left, and a wall broken through by embrasures on the right. A short distance to the south of this there is a cliff, with a distinct pillar on the left. These points are considered worth noting, as they have a bearing on questions as to the glacial phenomena of these regions. For many miles, the whole of the eastern slope of the island presents a succession of steps or small terraces, mostly too low to be distinctly counted, but there might be a hundred of them

between the sea level and the highest parts of the island visible. These appeared to be partly ancient beaches, and partly the outcropping edges of nearly horizontal strata. I landed at a point about the middle of the eastern shore of the island, and found the shore very flat, with shallow water for a considerable distance out. The rock proved to be a fossiliferous grey limestone, in rather thin horizontal beds. The fossils were obscure and scarce at the place referred to. Those collected, Mr. Whiteaves thinks, are Silurian. The rocks themselves resemble the Lower Silurian limestones of the Red and Nelson Rivers. I landed again near the south end of the island, and found the water very shallow in approaching the shore. No rock was detected in situ at this place; but a great extent of gravel and coarser shingle, derived from limestone like that found in situ further north was thrown into a succession of long, low ridges and terraces, all curving with the contour of the land. Behind most of the ridges I met with long ponds of clear, fresh water. A number of caches and "stands," built by the Eskimo, were seen along the shore of Mansfield Island, but none of these people were observed.

From the southern extremity of Mansfield Island we steamed to Cape Southampton, and thence coasted north eastward, in the hope of finding a suitable site for building an observatory station, but without success; and after making between twenty and thirty miles in that direction, we returned to the cape and passed round it to the westward, shaping our course thence for the opposite side of Hudson's Bay. The general character of this island, and the part of its shore which we examined, are quite like the eastern side of Mansfield Island. It has rather more vegetation upon it than the last named island, and much of the surface has a brown colour in consequence. Shallow water, having a light green colour, extends some distance out all along. The island slopes gradually up from the beach and is thrown into a great many small terraces. The highest point seen did not exceed 200 feet above the sea. I noted that the limestone is evidently exactly the same as that of Mansfield Island. Low cliffs in the upper levels break through the decayed mass and the *débris*, and horizontal ledges also make their appearance through the loose materials near the sea beach.

We did not observe any natives on the part of the island which we saw, but at four miles north-east of Cape Southampton there were three fresh houses of the Eskimo, covered completely with sods and moss, and having the doors built round with stones. About three-quarters of a mile to the north-eastward of these were five old Eskimo houses, built of stones and sods, with some sticks and bones lying on their tops.

Our first landing place on the western side of Hudson's Bay was Marble Island, but we had a distinct view of the land between it and Chesterfield Inlet. Judging from specimens which I have received through the kindness of Mr. George McTavish, of the Hudson's Bay Company, a portion of this coast is occupied by rocks, which may be referred to the Huronian series, among them being diorites, horn-blende-schists and glossy mica-schists characterized by numerous cubes of iron pyrites. On the coast opposite to Marble Island, the last named rock appears to contain the veins of granular iron pyrites, an assay of a specimen from one of which, from Inari, was made by Mr. Hoffmann in 1879. (See p. 23 H., Report Geological Survey, 1878-79.) These glossy mica-schists were found on Deadman's Island, near the west end of Marble Island. From all that I have been able to learn on the subject, a set of rocks, very like those of the Township of Ascot, in the Province of Quebec, and holding similar pyrites veins, which are of great economic value, will be found in this part of the western coast of Hudson's Bay.

The harbour on Marble Island, which is resorted to by the American whalers, and in which we also anchored, is situated on the south side of the island, about two and a-half miles from the western extremity. The outer harbour is formed by Deadman's Island, about quarter of a mile long, lying across the front of a small bay. The inner harbour is a basin, which connects with this through a narrow gap in the rock with only about one fathom of water at low tide.

Deadman's Island consists of white and light grey quartzites and glossy mica-schist striking N. 75° W. (mag). The glacial striæ on this island are well marked and run

S. 10° E. (mag). In the course of the day which we spent at Marble Island, I rowed round its western end and thence eastward along its northern shore for some miles. I also explored the interior and took some photographs between this side of the island and the harbour. The whole of the western part of the island consists of white and light coloured quartzite, bearing a strong resemblance to white and veined marble, from which circumstance it has no doubt received its name. Viewed from sea, the shores have a very white appearance, the rocks being free from lichens, &c., and the hills in the interior, which are rounded, are also pure white, and contrast strongly with the dark brown of the peaty flats and hollows. Even the boulders and coarse shingle forming the raised beaches remain quite white, and these beaches appear as conspicuous horizontal lines against the dark vegetable matter. The beds of quartzite are usually very massive. Their surfaces are often ripple-marked, the ridges and hollows varying much in size, being sometimes as fine and regular as the fluting on a washboard, and at others two or three inches apart. On the south side of the island, near the west point, the quartzite is of a beautiful lilac tint, some of the beds being more deeply coloured than others. The strike is here N. 80° W. (mag.), the dip being to the northward, at an angle of 80°. The surface of the rock at this place is marked by large green stains of carbonate of copper, some of them being 3 or 4 feet in diameter. They appear to be due to the decomposition of small quantities of copper pyrites in the quartzite.

At the north-west point of the island the dip is N. 75° W. (mag.), angle 45° and the stræ here run S. 20° E. (mag.). This is also the prevailing dip in the interior of this part of the island. On the north shore of the island, opposite to the harbour on the south side, the dip is N. 60° W. (mag.), angle 40°. Not only does the strike vary considerably on the large scale, but the lines of stratification were in places observed to undulate a good deal on a small scale, while the general course of the beds was pretty straight, the minor variations appearing as mere corrugations of the darker lines of stratification on smooth sections.

Although quartzite was the only rock found in situ on the main island, so far as I had time to explore it, the *debris* of the glossy mica-schist with cubes of iron pyrites, was so abundant along the north side that I have no doubt it exists "in place" close by. A fragment of the peculiar brown-weathering dolomite with white quartz, strings of the Huronian series, was also found on this part of the island.

We left Marble Island in the evening of the same day that we arrived there (2nd September), and entered the harbour of Churchill on the 6th. The geology of this locality is described in my report for 1879, pages 19 to 21. After leaving Churchill we paid a visit of twenty-four hours to York Factory, from which we sailed for Digges, where we built station No. 5, as already stated, and after visiting all the other stations and building the one at Nachvak, which has been described in a previous part of this report, we continued our homeward voyage to St. John's, Newfoundland, which we reached on the 11th of October, and left the same evening for Halifax, where we arrived on the 14th and at Ottawa on the 16th of the same month.

GENERAL REMARKS ON GLACIATION.

It will be seen by an inspection of the chart, that Fox's Channel, in respect to width, general direction, &c., is a continuation of Hudson's Strait, and that the outlet of Hudson's Bay joins this great channel at right angles. It is much deeper than Hudson's Bay, the comparative shallowness and the uniformity of the bottom of which are remarkable features. If the sea in these latitudes were only about 100 fathoms lower than it is at the present time, James' and Hudson's Bays would become dry land, while the Strait would remain as a long bay, but with a slightly diminished breadth. The bottom of the Bay would have become a plain, more level in proportion to its extent than any other on the continent. The numerous rivers which now flow into it would traverse this plain, converging towards the north-east and falling into the Strait near Cape Wolstenholme, after having, perhaps, formed one immense river, flowing northward down the centre of the Bay, or probably nearer the East-main side.

During the "great ice age" the basin of Hudson's Bay may have formed a sort of glacial reservoir, receiving streams of ice from the east, north and north-west and giving forth the accumulated result as broad glaciers, mainly towards the south and south-west. It has been shown, in a preceeding part of this report, that the direction of the glaciation, on both sides of Hudson's Strait, was eastward. That an extensive glacier passed down the Strait may be inferred from the smoothed and striated character of the rocks of the lower levels, the outline of the glaciated surfaces pointing to an eastward movement, the composition of the drift, and also from the fact that the long depression of Fox's Channel and the Strait runs from the north-westward towards the south-east, and that this great channel or submerged valley deepens as it goes, terminating in the Atlantic Ocean. Glaciers are said to exist on the shores of Fox's Channel and they may send down the flat-topped icebergs which float eastward through the lower part of Hudson's Strait into the Atlantic. During the drift period, the glacier of the bed of Hudson's Strait was probably joined by a contribution from the ice which appears to have occupied the site of Hudson's Bay, and by another also from the southward, coming down the valley of the Koksok River, and its continuation in the bottom of Ungava Bay. The united glacier still moved eastward round Cape Chudleigh into the Atlantic.

Throughout the drift period, the top of the coast range of the Labrador, stood above the ice and was not glaciated, especially the high northern part. Further south on this coast, the range is lower and there may also have been more ice in this direction. Here the valleys and the hills, up to the height of 1,600 feet, at any rate, have been planed by glacial action, the course followed by the ice on the eastern slope having been down the valleys and fjords directly into the sea. In the southern part of the Labrador peninsula, the general course of the ancient glaciation appears to have been southward, varying to the eastward or westward with the courses of the rivers and valleys, and coming to the north shore of the Gulf of St. Lawrence, in a general way, at right angles to the coast line. On the island of Newfoundland, the glaciation appears to have been from the centre towards the sea on all sides.

ROBERT BELL.

United States Army, by Lucien M. Turner, for November, 1882, to August, 1884 (both inclusive).

(Copied from the Signal Service Records in Washington City, D.C.)

Latitude 58° 8' N.; Longitude 68° 16' W.

	Mean Bar.	Highest Bar.	Lowest Bar.	Mean Temp.	Highest Temp.	Lowest Temp.	Clear Days.	Fair Days.	Cloudy Days.	Days of Rain and Snow.	Amount of Rain and Snow.	Prevailing Wind.	Relative Humidity.	Auroras.	Days of Wind of 25 miles or more.	Miles of Wind.	Remarks.
1882.																	
November.....	29.604	30.11	28.50	19.6	35	-7	3	4	23	6	.92	S.W.	95.8	21	14	8627.6	
December.....	29.381	30.09	27.62	7.1	24	-24	8	4	19	6	.70	S.W.	100.0	22	8	7299.8	
1883.																	
January.....	29.293	30.43	27.71	-12.5	15	-30	14	4	13	8	.45	S.W.	100.0	24	9	6082.4	
February.....	29.412	30.20	28.29	-18.4	11	-31	10	9	9	3	.18	S.W.	100.0	15	14	8720.5	
March.....	29.330	30.39	28.17	-3.5	43	-44	6	8	17	14	.14	S.W.	100.0	18	11	6817.6	
April.....	29.483	30.35	28.71	16.6	48	-23	3	11	16	11	.73	N.E.	98.5	19	14	6584.2	
May.....	29.582	30.23	28.81	36.1	67	11	5	5	21	20	1.01	N.W.	91.5	1	8	4927.8	
June.....	29.488	30.03	28.60	46.2	70	19	9	11	14	10	3.76	S.W.	80.1	0	11	6126.4	
July.....	29.525	29.97	28.61	60.1	85	29	3	10	18	13	4.10	S.W.	76.5	1	5	5266.3	
August.....	29.803	30.06	29.433	47.4	66	27	7	8	16	17	4.04	N.E.	84.8	8	10	6836.3	
September.....	29.615	30.116	29.044	41.6	60	20	2	6	23	22	4.82	S.W.	92.2	9	9	7955.8	
October.....	29.778	30.383	29.278	29.3	43	1	3	3	25	15	3.37	S.W.	90.3	14	10	7178.3	
November.....	29.725	30.501	29.357	12.3	31	-20	3	6	21	9	.44	S.W.	97.4	14	12	7268.5	
December.....	29.948	30.532	29.371	-18.7	11	-42	16	11	4	8	.31	S.	100.0	38	7	6388.5	
1884.																	
January.....	29.775	30.593	28.440	-22.3	17	-50	14	10	7	8	.78	S.	100.0	35	16	7017.4	
February.....	29.860	30.563	28.881	-17.0	30	-35	8	12	9	12	.70	S.W.	100.0	24	14	10241.1	
March.....	29.923	30.569	29.087	-8.8	28	-41	8	14	9	15	1.17	S.	100.0	36	12	8802.0	
April.....	30.072	30.567	29.680	19.0	52	-13	2	9	19	16	.84	N.E.	95.6	8	10	*4714.9	
May.....	29.864	30.429	29.240	36.9	72	10	6	4	21	13	2.02	N.	76.1	1	14	.....
June.....	29.706	30.216	29.212	42.0	74	25	1	5	24	21	5.46	W.	73.5	1	19	.....
July.....	29.831	30.425	29.483	54.2	86	27	6	6	19	10	1.40	N.	67.6	12	10	.....
*August.....	29.731	30.108	29.232	49.8	80	23	1	9	14	10	3.28	N.W.	67.9	4	17	.....	*For 25 days only.

Barometers corrected for temp. and inst. error only. Signal Service Aneroid Bar. No. 153 used to end of July, 1883.
 Adie's Mercurial Bar. No. 1849 used after July, 1883. All other instruments of Signal Service approval.

(Signed)

LUCIEN M. TURNER,

Smithsonian Institution, Washington, D.C.

APPENDIX No. 31

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING THE REPORT OF THE METEOROLOGICAL SERVICE OF THE DOMINION, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

TORONTO, 24th December, 1884.

The Honourable

The Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith my Annual Report of the Meteorological Service for the calendar year 1884, being the fourteenth report which has been made on this service.

I am pleased to be able to state that the number of volunteer observers who are co-operating with this service continues to increase. The following is a list of stations which have been established during the year :—

Class I (a full set of instruments)—

J. G. M. Christie.....	Norway House,
*Dr. Gun.....	Durham.

Class II (rain and temperature)—

W. T. Livock.....	Victoria, B.C.
J. S. Tarbolton	Crescent, Assa.
Agent C.P.R.	Chaplin, N.W.T.
do	Gleichen do
do	Maple Creek, N.W.T.
do	Elkhorn, Man.
W. E. Trail.....	Lesser Slave Lake.
Ven. Archdeacon Reeve.....	Fort Chipewyan.
Dr. Kitchen.....	St. George, Ont.
W. J. Clarke.....	Trenton, Ont.
C. T. Van Wagner.....	Stoney Creek, Ont.
Rev. Jas. Carmichael.....	Norwood, Ont.
J. Parker.....	Owen Sound, Ont.
Dr. S. W. Ward.....	Arnprior, Ont.

Class III (rain and snow)—

W. J. Steeves.....	Shediac, N.B.
J. Caldwell.....	Coventry, Ont.
J. Kay.....	Paris, Ont.
A. McKenzie.....	Beggsboro', Ont.
Mrs. A. Lillie.	Sturgeon Falls, Ont.
J. H. Carnegie.....	Coboconk, Ont.
R. McGee.....	Michael's Bay, Ont.

Two telegraph reporting stations have been added during the year, viz., Fort Calgary, Messrs. Armour and Braden, and Prince Albert, the Rev. Canon Flett. The station at Port Arthur, which formerly only reported twice a day, was raised to the standard of an ordinary telegraph station, reporting fully the regular tri-daily series.

* Durham is now classed under this head, Dr. Gun having kindly undertaken to perform the work of a station of the 1st class.

In climatological work we have now, in connection with the Ontario Government Bureau of Industries, 72 stations reporting rain and snowfall, and in Manitoba Mr. Acton Burrows, Deputy Minister Agriculture in the Province, has established, in connection with his Department, stations at—

Foxten, Morris, Selkirk, Ossowa, Lintrathen, Portage la Prairie, Pembina Crossing, Pilot Mound, Gladstone, Cartwright, Eden, Milford, Lorne, Heaslip, Souris, Turtle Mountain, Strathclair, Grisswold, Shoal Lake, Deloraine, Fort Ellis, Ste. Anne, Norquay, Glendinning, Neepawa, Birtle, Shell River, at which a record is made of rain and snowfall, with weather and seasonal changes, and an abstract of these observations is forwarded to this office.

I have also agreed to furnish Mr. Burrows, to whose exertions are due the extension of the work in Manitoba, with fifty additional rain gauges, for use in that Province.

Ontario and Manitoba are the only Provinces which are, as yet, co-operating with this service in the collection of climatological statistics, but it is to be hoped that before long the other Provinces will join in the work of extending meteorological observations.

The arrangement so far carried out with Ontario and Manitoba has been that this office has supplied the instruments, and examined and checked the returns when received. The Local Government finds the observers and pays for the stationery; they then receive each month, or as required, copies of the results, deduced from the observations, for publication in the papers issued from their respective departments.

The following gentlemen have, from various causes, ceased corresponding with this office:—

Mr. Heckman, C.E., Spences' Bridge; Rev. Father McBride, Penetanguishene, Ont.; Mr. W. LaPenotiere, Elora, Ont., and Dr. Passmore, Conestogo, Ont.; but Mr. George A. McIntyre has, however, undertaken to continue the class of observations made by Dr. Passmore.

STORM SIGNAL SERVICE.

A storm signal has been erected at Trenton, Ont., since my last report. Other wise, this branch of the service remains unchanged.

TABLE No. 1.

The following table shows the total number of warnings issued and the percentage verified:—

Year.	No. issued.	No. verified.	Percentage verified.
1877.....	743	510	68·6
1878.....	860	673	78·3
1879.....	712	591	83·0
1880.....	889	736	82·8
1881.....	854	727	85·1
1882.....	841	658	78·2
1883.....	1,085	858	79·1
*1884.....	727	604	83·1

* This does not include the month of December.

In addition to the above verifications as to force, the predictions of the direction from which the winds were expected have been separately examined, with the following results:—

Out of 717 predictions of direction, 602, or 84.0 per cent. have been fully verified, and 699, or 97.5 per cent. fully or partly verified.

As in former, so in the present year, many special "forecasts" have been asked for, by private persons, and their value gratefully acknowledged.

In last year's report your attention was directed to the desirability of extending the storm signal service to Lake Superior, and special mention was made of Port Arthur and Algoma Mills, the importance of having storm signals erected at these places cannot be over-estimated.

Your attention was also directed to the great advantages that would accrue, if storm signals were established at certain points on the lakes, and the following were suggested as being most suitable places: On the Georgian Bay, Cove Island Light-house, or Tobermory Harbour; Point Pelee Light and Long Point Light, on Lake Erie; and South Bay Point and Presqu'Isle Point, on Lake Ontario. These are points which vessels are frequently compelled to make for shelter, through stress of weather, and signals established there would be of the greatest utility.

Short telegraph lines would, in each case, have to be constructed, but the expense incurred in the construction would be as nothing compared to the lives and property which would, in all probability, be saved by this means. The claims of the Lake Marine are, in this respect, therefore well worthy of your favourable consideration.

I have also to call to your notice the benefit that would be derived from making all coast telegraph stations available as storm signal stations. This could be done at a trifling cost, and the advantage to shipping, especially since the direction as well as the force of the expected storm is given, would be very great.

PROBABILITY SERVICE.

The issue of weather forecasts has been made continuously during the year, and published in the leading newspapers in Ontario, Quebec, and the Maritime Provinces. Forecasts could also be made for Manitoba, as the telegraph service in the North-West is now in a fairly efficient state, but I have not sufficient funds at my disposal to permit of this being done, and I would respectfully suggest that an appropriation be made in the Estimates to cover the cost of issuing forecasts for Manitoba and storm warnings for Lake Superior.

Weather predictions have also been disseminated throughout portions of the country by means of large discs, having the image of the sun, the crescent moon, and a star painted on them. The sun represents fine weather, the moon showery, and the star rainy weather. Besides these symbols, the words "fine," "showers," "rain," are also painted on them. These discs are attached to the railway cars, and are regulated according to directions from this office, the signal word to be exposed being telegraphed each day, at about 1 a.m., to the railway agents.

I have been informed that these weather signals are eagerly looked for by the farmers along the route of country through which the different railways travel, and the thanks of the Department and the general public are due to the following gentlemen for the trouble they have taken in having these signals placed on the cars of the railways with which they are connected:—

Mr. W. Whyte, Ontario Div. C. P. R.; Mr. W. J. Spicer, G. T. R.; Mr. Charles Stiff, G. T. R.; Mr. D. C. Lindsley, Canada Atlantic Ry.; Mr. A. White, G. T. R.; Mr. S. Barker, Northern Ry.

I have also communicated with the Department of Railways, and obtained permission to have these signal discs placed on the Government railways; and I hope to do this next spring, when I anticipate that the forecasts thus made known along the Intercolonial Railway will render great assistance to the farmers in the Maritime Provinces.

Weather predictions have been asked for by many persons—brewers, merchants and others—whose business is affected by the weather, and the information courteously acknowledged, the benefit derived therefrom being admitted in all cases.

The following table (No. II.) shows the number of predictions and the percentage of fulfilment in each district in each month in the year up to November. December not being completed when this report is transmitted, cannot be given.

The percentage of verification is very satisfactory.

TABLE

NUMBER of Predictions and Percentage of Fulfilment

MONTH.	LOWER LAKE REGION.						UPPER ST. LAWRENCE.						LOWER ST. LAWRENCE.					
	Number issued.	Verified.					Number issued.	Verified.					Number issued.	Verified.				
		Number fully	Number partly	Number not	Percentage fully	Percentage fully and partly		Number fully	Number partly	Number not	Percentage fully	Percentage fully and partly		Number fully	Number partly	Number not	Percentage fully	Percentage fully and partly
January.....	150	116	21	13	77.3	91.3	141	102	24	15	72.3	89.4	129	96	23	10	74.4	92.2
February.....	136	109	15	12	80.1	91.2	121	97	14	10	80.2	91.7	111	75	20	16	67.6	85.6
March.....	133	90	25	18	67.7	86.5	126	90	15	21	71.4	83.3	113	80	22	11	70.8	90.3
April.....	121	96	16	9	79.3	92.6	107	84	12	11	78.5	89.7	108	76	18	14	70.4	87.0
May.....	136	90	26	20	66.2	85.3	117	96	13	8	82.0	93.1	111	77	17	17	69.4	84.7
June.....	127	99	16	12	78.0	90.5	116	87	19	10	75.0	91.4	111	69	18	24	62.2	78.4
July.....	130	111	14	5	85.4	96.1	119	84	17	18	70.6	84.9	118	81	21	16	68.6	86.4
August.....	135	101	22	12	74.8	91.1	121	94	11	16	77.7	86.8	120	95	12	13	79.2	89.2
September.....	124	100	17	7	80.6	94.4	115	89	22	4	77.4	96.5	112	85	21	6	75.9	94.6
October.....	144	100	32	12	69.4	91.7	125	106	14	5	84.8	96.0	122	89	18	5	81.1	95.9
November.....	141	111	20	10	78.7	92.9	117	94	18	5	80.3	95.7	118	95	18	5	80.5	95.8
December.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1477	1123	224	130	76.0	91.2	1325	1023	179	123	77.2	90.7	1273	928	208	137	72.9	89.2

No. II.

in each District, in each Month, and in the whole Year.

GULF.						MARITIME.						TOTAL.					
Verified.						Verified.						Verified.					
Number issued.	Number fully	Number partly	Number not	Percentage fully	Percentage fully and partly.	Number issued.	Number fully	Number partly	Number not	Percentage fully	Percentage fully and partly	Number issued.	Number fully	Number partly	Number not	Percentage fully	Percentage fully and partly
124	104	15	5	83.9	96.0	133	97	17	19	72.9	85.7	671	515	100	62	76.1	90.8
104	67	20	17	64.4	83.6	115	76	23	16	66.1	86.1	587	424	92	71	72.2	87.9
113	81	18	14	71.7	87.6	128	82	25	21	64.1	83.6	613	423	105	85	69.0	86.1
117	83	19	15	70.9	87.2	124	86	27	11	69.4	91.1	577	425	92	60	73.7	89.6
107	78	13	16	72.9	85.0	120	89	23	8	74.2	93.3	591	430	92	69	72.8	88.3
112	69	22	21	61.6	81.2	121	94	13	14	77.7	88.4	587	418	88	81	71.2	86.2
124	94	15	15	75.8	87.9	129	89	31	9	69.0	93.0	620	459	98	63	74.3	89.8
117	81	19	17	69.2	85.6	125	95	16	14	76.0	88.9	618	466	80	72	75.4	88.3
117	88	20	9	75.2	92.3	126	104	17	5	82.5	96.0	594	466	97	31	78.5	94.1
120	90	21	9	75.0	92.5	128	104	17	7	81.2	94.5	639	499	102	32	78.1	94.1
113	85	18	10	75.2	91.2	123	98	19	6	79.7	95.1	612	483	93	36	78.9	94.1
.....
268	920	200	148	72.6	88.3	1372	1104	228	130	73.9	90.5	6715	5008	1039	668	74.6	90.1

TELEGRAPH SIGNAL SERVICE.

I would recommend additional stations being established at the summit of the Canada Pacific Railway, and on the line of that railway to the north of Lake Superior.

CENTRAL OFFICE.

It is my melancholy duty to report the death of Mr. George F. Hector, who departed this life in June last, after a protracted illness.

Mr. Hector's death, and the prolonged absence of Messrs. Gordon and Stupart (the latter gentleman being still absent in Hudson's Straits), has entailed a great deal of additional work on the remainder of the staff, who have borne the extra burden uncomplainingly, and performed the additional duties imposed on them with efficiency and zeal.

TIME SERVICE.

The time service has been carried on as formerly, and the reports of the Directors of the Observatories at Quebec and St. John, N.B., form Appendices A and B to this report. Details of the work will be found in my report as Director of the Toronto Observatory.

CHIEF SIGNAL OFFICER, U. S.

To Major General Hazen, U.S.A., Chief Signal Officer, the service is again indebted for the courteous manner in which he has supplied all information asked for, and for his ready acquiescence in all suggestions made to him for the advancement of the service.

VOLUNTEER OBSERVERS.

I have to tender my sincere thanks to the gentlemen who take observations for the service as volunteers, and who give their time and labour for the advancement of meteorological knowledge without remuneration.

Without the assistance of these gentlemen our observations would be disconnected, and so few as to almost preclude the possibility of making any accurate climatological deductions, and to these observers we are principally indebted for the information which enables this office to compile monthly and furnish the Board of Health of the Province of Ontario with a map, showing isothermal curves, curves of mean, daily temperature range, and rainfall in Ontario.

These maps in themselves form a valuable climatological contribution to the Province of Ontario.

I may here add that a very considerable amount of climatological data exists in this office, which, if arranged and printed, would be very useful; but owing to the small number of the staff who are more than fully occupied in keeping the ordinary routine work from falling in arrears, it is impossible for me to attempt doing so, unless I am authorized to employ, temporarily, such assistance as may be necessary to perform this work; and I respectfully suggest that I may be empowered to obtain the requisite assistance to enable me to carry out this proposal.

G. N. W. TELEGRAPH COMPANY.

I also wish to acknowledge the valuable assistance rendered to the service by the officers of this company, who have always used the utmost despatch in forwarding our messages, and the greatest energy in endeavouring to discover and remedy the cause of failures, when any occurred.

All of which is respectfully submitted.

CHARLES CARPMAEL,
Superintendent.

APPENDIX "A."

THE CITADEL, QUEBEC, 10th, December 1884.

SIR,—I have the honour to submit the Annual Report of the Quebec Observatory for the year ending 31st December, 1884.

The time and meteorological service at this station has been carried on during the past year more to my satisfaction, owing to the improvements which were made to the gear of the "time ball and storm mast early last spring."

Substituting a rope "fall" and wooden blocks for the chain in the hoisting gear of the "time ball" has proved a success.

The storm drum when hoisted is now much better seen from all points in the harbour than when the mast was in its former position.

During the past year His Excellency the Governor General visited the Observatory, also the Honourable the Minister of Militia and Defence, the Major-General Commanding the Militia, the latter during his official inspection of the battery to which I have the honour to belong.

A number of the members of the British Association also visited the Observatory during their stay in Quebec.

The Observatory building requires some repair, which I hope will be made during the coming year, as it will add much to the appearance and comfort.

The telegraphic work has been carried on by Sergeant-Major Walters, without the aid of outside operators.

I would be glad if you would recommend the purchase of a larger and more accurate transit instrument.

I have the honour to be, Sir,

Your obedient servant,

C. W. DRURY, Capt. C.A.,

Director Quebec Observatory.

To the Superintendent, Meteorological Service,
Toronto.

APPENDIX "B."

THE OBSERVATORY,

ST. JOHN, N.B., 1st December, 1884.

SIR,—I have the honour to submit the following report on the St. John Observatory:—

The duties of this Observatory consist in giving correct time to the shipping in this port by means of a time ball dropped every day (Sundays excepted) at 1 p.m., St. John time. The city council are about connecting the fire alarm bells with the ball. When this is done the bells will be rung at the same instant the ball drops.

The correct time is determined by observations of stars in the meridian with a transit Instrument, our work being checked by telegraphic time exchange with Toronto Observatory.

The meteorological work has been regularly performed, observations are taken at intervals of four hours commencing at 3:44 a.m., and reports sent to the Superintendent at Toronto.

The storm signals have been promptly hoisted and notices of approaching storms put up in conspicuous places. The storm warnings are acknowledged by those engaged in shipping to be of great service to them.

During the past year ship-masters have brought their barometers to this office for comparison with the standard instrument used here, and many of the ship-masters have expressed their willingness to keep a record for the service, were they supplied with the proper forms, &c.

Since my last report the mean time clock used in the Observatory was purchased from me by the Department. The Observatory has, during the past year, been supplied with a new transit instrument, made by Negretti & Zambra, London. This is an excellent instrument, and has been mounted in place of the old one used by me for many years in connection with the time service.

A sidereal clock has lately been set up in this office, and is now being adjusted to sidereal time. This will enable me to make comparisons with the greatest amount of accuracy.

As it is not possible to place a clock in the transit room, it would greatly increase the accuracy of our transit work were a chronograph purchased for the use of this Observatory and connected with sidereal clock.

I have also to report that a suitable room has been fitted up and furnished for the use of the Observatory, by the Department of Public Works. The stairs leading to the transit room have also been much improved.

I have the honour to be, Sir,

Your obedient servant,

GEO. HUTCHINSON,

Director of Observatory.

To CHARLES CARPMAEL, Esq., M.A.,

Supt. Meteorological and Time Service,
Toronto, Ont.

APPENDIX No. 32

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF
MARINE AND FISHERIES, BEING THE REPORT OF THE MAGNETIC
OBSERVATORY, TORONTO, FOR THE CALENDAR YEAR ENDED 31st
DECEMBER, 1884.

Hon. A. W. McLELAN, M.P.,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit herewith my Annual Report for the year 1884.

During the year the regular routine observations have been carried out as formerly, and the self-recording magnetographs have been kept in operation, as have also the barograph, thermograph and other self-recording instruments.

I have this year constructed and put in operation a photographic recording inclinometer, the principle of which is my own invention. It is an inclinometer with a bifilar suspension for the magnet, which is turned, as in the ordinary horizontal force instrument, into a position approximately at right angles to the meridian. The induction bars are placed with their acting poles north and south of the centre of the suspended magnet and at such a distance that at the mean dip the induced magnetism is alone sufficient to keep the magnet in the above mentioned position. The bifilar suspension can now be adjusted so as to produce any scale coefficient required.

In my last report I mentioned that I had been invited to attend the meeting of the Polar Commission at Vienna, to assist in determining the system to be adopted for the final reduction and discussion of the observations taken in connection with the International series. I have now received the decision of the Commission, and our observations will have to be printed and forwarded to Dr. Wild, President of the Commission, at St. Petersburg, for distribution among those who are to undertake the work of discussing the results of the observations made at all the stations. The preparation of that work will occupy some time, as the staff is already too small for the work which we have to undertake.

TIME SERVICE.

This service is now thoroughly organized, and the exchanges of time between the various observatories and Toronto has been carried on throughout the year. The following is a table showing differences between time as determined by Toronto and

the time as given by the various observations. The sign + indicates that Toronto time is faster than time sent by stations.

	Montreal.	Quebec.	St. John.	Charlotte- town.
	Sec.	Sec.	Sec.	Sec.
January 11.....	-0.10	+0.34	-1.90	
do 12.....	-0.10			
do 25.....	+0.05	-2.60	-1.34	
February 8.....	-0.23	+0.14	-1.17	
do 22.....		+0.53	-0.62	-1.14
March 7.....	-1.00	-3.30	-0.80	-1.22
do 21.....	-0.02	+0.45	-0.34	-0.07
April, 4.....	-1.10	-1.60	+0.80	
do 18.....	+0.35	-0.45	+5.37	
do 25.....			-0.84	
May 9.....			-2.30	
do 16.....	-0.60	-2.20	-2.30	
do 23.....		+3.30	-2.25	
do 30.....	-0.40	+6.78	-1.33	
June 9.....		* -1.02		
do 13.....	-1.17	-1.38	+6.19	+0.02
do 20.....			+0.60	
do 27.....	0.00		-0.28	
July 11.....	-1.27	+0.20		
do 18.....			+0.92	
do 25.....	-0.29	-0.30	+1.06	
August 8.....	-0.53	+0.94	-0.10	
do 22.....	-0.34		-0.97	
September 5.....	-0.18		+0.78	
do 19.....		-1.67		
October 3.....			+1.14	
do 17.....	-0.59	+0.06	+1.03	
do 31.....	-0.80	-2.11	+2.83	
November 14.....	-0.40	+0.47	+0.17	
do 28.....	-0.86	-1.57	+2.57	

* Weekly exchange of time, Quebec clock being re-adjusted.

The time exchanges are effected by means of a chronograph, on which is registered the time sent by each station, side by side with the time at the Toronto Observatory. The exchanges have been fortnightly with St. John, Quebec and Montreal, with the exception of a weekly exchange with the former place while the clock there was dismantled.

The observers are notified, on the day appointed, to be on hand at a certain time, generally from eight to nine in the evening, when direct telegraphic connection with these places can be more easily obtained.

The errors of the Toronto clock and the different time-pieces used by the observers are computed from the latest observations.

The increased work which is entailed by the rigid examination of the clock and chronometer comparisons and observations sent in from the observatories at St. John and Quebec, has been performed, and I would urge upon you the necessity of appointing to the staff here an astronomical assistant. At the time the new system was commenced the work was undertaken by Mr. Gordon and myself, and since Mr. Gordon left for Hudson's Bay, Mr. F. L. Blake, D. L. S., who was temporarily employed, has continued, under my direction, to carry on the work.

No regular and systematic astronomical observations, other than those for time, have been, as yet, undertaken; but I am now making preparations for regular spectroscopic observations of the solar flames.

All of which is respectfully submitted.

CHARLES CARPMAEL, *Director.*

APPENDIX No. 33

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING REPORT OF THE SUPERINTENDENT OF THE MCGILL COLLEGE OBSERVATORY, MONTREAL, FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

MCGILL COLLEGE OBSERVATORY,
MONTREAL, 1ST JANUARY, 1885.

SIR,—I have the honour to report on the work of the McGill College Observatory for the year now closed.

The base or chief station series of meteorological observations has been carried forward, without interruption, throughout the year. The object of these observations is to deduce the laws of diurnal and annual variation of the meteorological elements for this district. The telegraphic observations, forming a part of the Canadian series of observations upon which the weather predictions are based, have been regularly dispatched each day to the Meteorological Office at Toronto. The temperature observations have been greatly improved this year, by the addition of one of Negretti & Zambra's thermographs to our apparatus. The instrument was furnished by the Meteorological Office, Toronto. It contains six thermometers, which are at present arranged as a bi-hourly series. A summary of the meteorological results for the year is presented herewith.

The time service has received the usual careful attention. Determinations of clock errors have been made on 120 nights during the year. An observation for clock error comprises the measurement of the collimation of the transit, the inclination of the axis, and the observation of at least six stars—one polar star and one low south star, from the combination of which the azimuth is determined, and four time-stars distributed as symmetrically as possible with reference to the zenith. From these observations the error of the timepiece employed is computed, and from comparisons with the standard clock, made both before and after the observations, its error is deduced and, if necessary, a correction applied to its rate. The observatory time signals have been distributed as described in my report for last year. The time-ball service has been improved by the erection of a new line of covered or insulated wire between the Observatory and the ball. All the time signals have been on the standard of the 75th meridian since 18th November, 1883, when, in consonance with the railroad companies and at my suggestion, the change was authorized by the Mayor and Corporation of Montreal.

It is a matter of congratulation that the International Conference, for fixing upon a meridian to be employed as a common zero of longitude for the world, which met at Washington in October last, has, by an almost unanimous vote, adopted the meridian of the transit instrument at Greenwich. This decision is of especial value in astronomy, geodesy and navigation. For the latter it will, by harmonizing the charts of the various nations, greatly simplify the computations of navigators. Another decision of importance, incidental to an agreement by the Conference, that there shall be a universal time reckoning, the origin of the day being the midnight of the initial meridian, is, that the hours are to be counted from zero to 24. This method of reckoning time, both for astronomical and civil purposes, will be adopted in the Greenwich Observatory on 1st January, 1885. I believe that the railroad companies of this continent will also shortly adopt it, and thus entirely remove the possibility of mistaking an afternoon for a forenoon hour, or *vice versa*. The new

method of counting the hours is to be adopted in our work here, from this date; and I would earnestly recommend that the influence of your Department and the Government be given towards its adoption generally.

The reductions of the observations for the determination of difference of longitude between this Observatory and the Harvard College Observatory have been completed, in so far as my observations are concerned. Owing to unusual pressure of work, Professor Rogers has not been able to finally complete his reductions; but from the preliminary results which he has obtained, I feel justified in stating that the resulting longitude of our transit instrument will be within two-tenths of a second of 4 hours 54 minutes 18.5 seconds West of Greenwich. The reductions of the observations made by me for the difference of longitude between Montreal and Toronto, and also those made by Mr. G. H. Chandler, M.A., and myself for Toronto and Cobourg, have been completed, and the final report only awaits the results of Mr. Carpmael's work. The difference of longitude between the Observatory at Toronto and the dome of the Faraday Hall at Victoria College, Cobourg, is 4m. 55.2 sec.

The latitude of the dome of this Observatory, as determined from a trigonometrical connection with the United States Coast Survey station on Mount Royal, is $45^{\circ} 30' 7.0''$.

The assistance of this Observatory has been promised in a system of seismographic observations, recently proposed by the "Science" magazine.

I have the pleasure of acknowledging that the Observatory has been presented with a set of the celestial charts, made at the Litchfield Observatory, by Professor C. I. F. Peters.

In February last you were petitioned to recommend to Parliament an increase in the special grant to this Observatory. This application was made on grounds, the justice of which was admitted on all hands; but, unfortunately, you were obliged to refuse it "for the present." The lack of additional assistance, so urgently required, as very much interfered with the efficient working of the Observatory during the last year, and I would very respectfully urge that the renewal of the application, which will be made in a formal manner by the Governors of the University during the next Session of Parliament, be complied with.

I have the honour to be, Sir,

Your obedient servant,

C. H. McLEOD,
Superintendent.

He Honourable
The Minister of Marine,
Ottawa.

YEARLY ABSTRACT

OF METEOROLOGICAL OBSERVATIONS, MCGILL COLLEGE

Month.	Thermometer.				* Barometer.				† Mean pressure of vapour.	‡ Mean Relative humidity.
	Mean.	Max.	Min.	Mean range.	Mean.	Max.	Min.	Mean Daily range.		
January	8.73	40.5	-16.5	16.38	30.0409	30.964	28.960	.3353	.0634	81.12
February	18.11	44.0	-11.0	17.52	30.0027	30.686	29.175	.3649	.0956	85.59
March.....	25.65	47.1	-9.4	14.02	29.9941	30.395	29.518	.2350	.1212	79.69
April.....	40.55	69.0	24.5	14.17	29.8369	30.317	29.233	.1635	.1794	71.68
May	51.95	75.9	33.5	17.92	29.8829	30.266	29.438	.1721	.2751	68.55
June.....	66.91	86.0	44.0	21.00	30.0187	30.565	29.584	.1544	.4478	67.00
July.....	65.84	86.7	51.0	16.49	29.7783	30.073	29.445	.1326	.4826	75.98
August.....	68.79	91.0	43.8	17.84	29.9733	30.348	29.569	.1227	.5006	71.05
September..	61.76	87.7	36.5	16.07	29.9859	30.530	29.487	.2163	.4160	73.09
October	44.96	70.6	23.9	13.28	30.0393	30.623	29.573	.2557	.2427	76.41
November	30.34	49.8	13.2	13.45	29.9683	30.451	29.311	.2878	.1393	79.96
December.....	16.51	49.0	-23.5	13.57	30.1140	30.836	29.204	.2932	.1007	85.99
Means for 1884.....	41.675	.....	.....	15.975	29.9696	.....	.....	.2278	.25537	76.342
Means for 10 years ending with 31st Dec., 1884.....	42.113	.....	.....	.....	29.9746	.....	.....	.....	.25275	74.225

* Barometer readings reduced to 32° Fahr. and to Sea Level. † Inches of mercury. ‡ Relative, beginning with 3.08 a.m. § Mean for 3 years only.

The greatest heat was 91° 0 on August 21st; greatest cold was 23° 5 below zero on December 20th; 37° 6 on May 2nd; least range was 4° 0 on November 28th; The warmest day was August 21st, the zero. The highest barometer reading was 30.964 on January 27th; the lowest 28.960 on January 9th, 26th. The greatest mileage of wind recorded in one hour was 50 on May 2nd, when the velocity in one were observed on 21 nights. Hoar frost on 23 days. Fogs on 13 days. Lunar halos on 8 nights. The red sky at sunrise and sunset was very brilliant in January and February. It has decreased in

FOR 1884.

OBSERVATORY, MONTREAL, CANADA—Height above sea level, 187 feet.

Wind.		Sky clouded per cent.	Percentage of possible sunshine.	Inches of rain.	Number of days on which rain fell.	Inches of snow.	Number of days on which snow fell.	Inches of rain and snow melted.	Number of days on which rain and snow fell.	Number of days on which rain or snow fell.	Mon h.
Mean direction.	Mean velocity in miles per hour										
S.W.	12.23	66.4	27.6	0.22	3	44.2	21	4.38	2	22	...January.
W.S.W.	9.98	75.8	22.4	2.18	9	29.3	20	4.95	6	23	...February.
W.S.W.	11.41	56.2	47.0	1.32	7	20.9	14	3.39	2	19	...March.
N.W.	9.33	68.2	33.7	2.09	10	3.9	6	2.48	1	15	...April.
W.S.W.	9.84	70.3	43.8	3.51	19	0.0	0	3.51	0	19	...May.
S.W.	8.99	45.7	68.8	3.38	9	0.0	0	3.38	0	9	...June.
W.S.W.	9.61	59.5	46.4	4.73	19	0.0	0	4.73	0	19	...July.
W.S.W.	8.35	39.9	67.1	1.75	7	0.0	0	1.75	0	7	...August.
W.S.W.	9.87	44.7	58.9	3.37	11	0.0	0	3.37	0	11	...September.
W. by S.	9.72	73.6	33.2	2.62	17	0.5	5	2.67	3	19	...October.
S.W. by W.	11.15	72.9	27.6	2.13	12	5.0	10	2.62	3	19	...November.
W.S.W.	11.81	64.3	22.4	1.53	8	35.0	14	4.57	1	21	...December.
W.S.W.	10.191	61.46	41.58	28.83	131	138.8	90	41.80	18	203	...Totals for 1884.
			§								Means for 10 years ending with 31st Dec., 1884.
W. by S.	10.935	60.99	46.92	27.27	136.5	116.6	85.3	37.24	15.9	211.7	

saturation being 100. The monthly means are derived from observations taken every fourth hour,

extreme range of temperature was therefore $114^{\circ}.5$; greatest range of the thermometer in one day was mean temperature being $81^{\circ}.15$; the coldest day was December 20th, mean temperature $17^{\circ}.3$ below giving a range of 2.004 inches for the month and year. The lowest relative humidity was 23 on April gust was at the rate of 80 miles per hour (this is the greatest velocity ever recorded here). Auroras Lunar corona on 2 nights. Thunder storms on 12 days, and lightning without thunder on 6 days. brightness, but has been observable up to the end of the year.

C. W. McLEOD,
Superintendent.

APPENDIX No. 34

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING THE REPORT OF THE DIRECTOR OF THE KINGSTON OBSERVATORY, FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

KINGSTON, 12th January, 1885.

SIR,—I have now to submit, for the information of the Department of Marine, the report of the Kingston Observatory.

The usual observations have been made during the past year, besides giving the time to the city and port.

The dome of the equatorial tower having been found, on several occasions during violent gales, to be shifted from its proper position, it was found necessary to secure it against the recurrence of such an inconvenience. This has been done, and the dome is now unmoved by the heaviest storms.

A very troublesome alteration in the adjustments of the transit was noticed last winter, in consequence of the severe frost in January slightly displacing the stone foundation. Although the adjustments during the greater part of the year are not liable to be affected by this cause, I purpose, during the summer, to have the instrument dismounted, and have the foundation made of the most stable kind.

I have been for some time training two or three intelligent young men in the theory of astronomical calculations and the use of the instruments of observation, and I intend to pursue the same course in future.

I am, Sir,

Your most obedient servant,

JAS. WILLIAMSON,

Director of Kingston Observatory.

WM. SMITH, Esq.,
Deputy Minister of Marine,
Ottawa.

APPENDIX No. 35

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being the General Summary of Expenditure for the Fiscal Year ended 30th June, 1884.

Vide Report Page	Service.	Amount.	Total.
		\$ cts.	\$ cts.
1	Maintenance of Lights above Montreal.....	70,788 27	
21	do between Quebec and Montreal.....	15,946 43	
28	do below Quebec	101,302 35	
50	do Nova Scotia, including Cape Race and Sable Island Humane Establishment.....	142,909 72	
81	do New Brunswick	86,670 70	
108	do Prince Edward Island	19,059 62	
118	do British Columbia.....	18,107 54	
122	Buoys and Beacons, Port of Montreal	7,000 00	
			461,784 63
123	Construction of Lights above Montreal	15,878 44	
125	do between Quebec and Montreal.....	246 27	
126	do below Quebec	2,922 21	
127	do New Brunswick	2,868 70	
128	do Nova Scotia.....	12,489 35	
130	do Prince Edward Island	2,158 60	
130	do British Columbia.....	76 38	
131	do do Sands Head.....	9,754 00	
131	do Colchester Reef.....	2,554 19	
.....	Queen's Printer, Stationery and Printing.....	85 41	
			49,033 55
132	Dominion Steamers		179,980 66
142	Examination of Masters and Mates.....		5,580 79
182	Hudson's Bay Expedition		480 69
148	Investigations into Wrecks.....		830 12
155	Marine and Immigrant Hospital, Quebec		19,990 34
157	Marine Hospitals and Sick Seamen, and Shipwrecked and Distressed Seamen		31,401 30
185	Minister's Salary and Departmental Staff.....		38,775 00
172	Meteorological Service		50,160 73
179	Observatory, Kingston	500 00	
178	do Montreal.....	500 00	
178	do Toronto.....	5,238 16	
			6,238 16
147	Registration and Survey of Canadian Shipping.....		189 27
180	Removal of obstructions in Navigable Rivers		342 76
149	Rewards for saving life, purchase of Life-boats, etc.....		2,614 91
181	Signal Service.....		6,704 17
145	Steamboat Inspection.....		21,893 28
188	Survey of Georgian Bay.....		26,745 54
151	Water Police, Montreal.....	19,021 93	
150	do Quebec.....	22,958 79	
			41,980 72
	Total Marine Department.....		944,726 62
	“ Fisheries Department.....		313,001 96
	Grand Total.....		1,257,728 58

F. GOURDEAU,
Acting Accountant.

WM. SMITH,
Deputy Minister of Marine.

APPENDIX No. 36.

To the Seventeenth Annual Report of the Department of Marine and Fisheries, being a Statement respecting the Marine Hospital, for the Fiscal Year ended 30th June, 1884.

Hospital.	Medical Superintendent.	Patients Admitted.	Patients Dis- charged, Cured or Relieved.	Patients died in Hospital.	Patients Remain- ing for Treat- ment.
Bathurst, N.B.....	G. M. Duncan, M.D.....	No returns	.....	.....	.....
Miramichi, N.B.....	J. S. Benson, M.D.....	21	20	1	.....
Richibucto, N.B.....	J. W. Doherty, M.D.....	9	9	.....	.....
Sackville, N.B.....	L. B. Botsford, M.D.....	No returns	.....	.....	.....
St. Andrews, N.B....	S. T. Gove, M.D.....	2	2	.....	.....
St. John, N.B.....	L. B. Botsford.....	122	105	3	14
Lunenburg, N.S.....	S. Jacobs, M.D.....	17	16	.....	1
Port Hawkesbury, NS	P. A. McDonald, M.D.....	7	7	.....	.....
Sydney, N.S.....	A. D. MacGillvary, M.D.....	45	41	4	.....
Yarmouth, N.S.....	A. M. Perrin, M.D.....	9	9	.....	.....
Souris, P.E.I.....	E. P. Ford, M.D.....	3	3	.....	.....
Victoria, B. C.....	John C. Davie, M.D.....	54	51	3	.....

WM. SMITH,
Deputy Minister of Marine.

APPENDIX No. 37.

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING REPORT OF THE DECAYED PILOT FUND OF QUEBEC, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

QUEBEC, 2nd January, 1885.

SIR,—I transmit herewith a Statement of the Decayed Pilotage Fund of Quebec for the year ended 31st ult., and I have moreover the honour of supplying you the following information, viz. :—

The total receipts of the Corporation of Pilots for and below the Harbour of Quebec, for the year 1884, were as follows :—

Total receipts.....	\$114,417 32
Expenditure.....	20,255 20
	<hr/>
	\$94,162 12

171 pilots received \$549 each.

190 foreign vessels paid \$24,421.88, and 675 British vessels \$89,995.44.

I have the honour to be, Sir,

Your most humble servant,

F. X. DION,

Treasurer.

WILLIAM SMITH, Esq.,

Deputy Minister of Marine and Fisheries,
Ottawa.

**STATEMENT of Moneys received and disbursed by the Corporation of Pilots
for the Decayed Pilot Fund of Quebec, during the year 1884**

RECEIPTS.		\$	cts.	\$	cts.
To	Balance of 1883.....	3,342	70		
	Percentage on contributions to pilots.....	8,121	47		
	Interest on investments.....	3,073	00		
	Interest—Savings Bank.....	76	98		
				14,614	15
EXPENDITURE.					
By	Pensions.....	11,092	87		
	Relief.....	385	74		
	Salaries.....	500	00		
	Deposits at the Savings Bank.....	2,599	55		
	Balance on Hand.....	35	99		
				14,614	15
PILOTS RELIEVED BY THE FUND.					
	François Vézina.....	53	61		
	Jean Bte. Couillard.....	48	00		
	Marticotte.....	96	00		
	Hilaire Jouvin.....	20	52		
	Joseph Morency.....	16	00		
	Lawrent Godbout, père.....	16	00		
	Maurice Pepin.....	42	67		
	Barth. Lachance, died 28th December, 1884.....	72	67		
	Edouard Labrègue.....	20	26		
				385	74
PENSIONERS AT THE EXPENSE OF THE FUND.					
AMOUNT PAID TO EACH DURING THE YEAR, FROM 1ST NOVEMBER, 1883, TO 1ST NOVEMBER, 1884.					
<i>Twelve Pilots at \$110.</i>					
	Paul Blouin.....	110	00		
	Frédéric Bernier.....	110	00		
	Laurent Trembly.....	110	00		
	Dominique Girard.....	110	00		
	François Vézina, superannuated 21st May, 1884.....	48	88		
	Frs. Joseph Pouillot.....	110	00		
	Hilaire Jouvin, superannuated 13th August, 1884.....	23	86		
	J. Bte Bourget.....	110	00		
	Yves Sylvestre.....	110	00		
	Thomas Després.....	110	00		
	Marcel Le Bel.....	110	00		
	Jean Audet Lapointe, died 16th August, 1884 ..	40	33		
	Jacques Tremblay, died 30th August, 1884.....	88	30		
				1,191	37
<i>Eight Pilots at \$101.</i>					
	F. X. Lachance.....	101	00		
	Jean Frs. Lamarre, died 6th December, 1883	10	10		
	Anselme Marmen.....	101	00		
	Pierre Pelletier.....	101	00		
	Joseph St. Laurent.....	101	00		
	J. Bte. Turgeon.....	101	00		
	Frs. Thivierge.....	101	00		
	Maurice Pepin, superannuated 10th April, 1884.....	56	11		
				672	21
<i>Six Pilots at \$92.</i>					
	Edouard Demers.....	92	00		
	Olovis Antil.....	92	00		
	J. Bte Paquet (arrears).....	23	00		
	Carried forward.....	207	00	1,863	58

STATEMENT of Moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, etc.—Continued.

Brought forward.....	\$ cts. 207 00	\$ cts. 1,863 58
PENSIONERS AT THE EXPENSE OF THE FUND—Continued.		
<i>Six Pilots at \$92—Concluded.</i>		
J. B. Paquet for the year.....	92 00	
Amable St Laurent.....	92 00	
Alexis Vézina.....	92 00	
Abraham Després, superannuated 26th December, 1883.....	77 94	
<i>Four Pilots at \$90.</i>		560 94
Pierre Gourdeau.....	90 00	
Jean Lavoie.....	90 00	
Joseph Lavoie.....	90 00	
Edouard Rousseau.....	90 00	
<i>Four Pilots at \$88.</i>		360 00
F. X. Corriveau.....	88 00	
Joseph Lapointe.....	88 00	
Frs. Pelletier.....	88 00	
Antoine Roussel.....	88 00	
<i>Four Pilots at \$86.</i>		352 00
Louis Lemieux, died 10th September, 1884.....	74 05	
Frs. Nadeau.....	86 00	
Alexis Roy.....	86 00	
Célestin St. Pierre.....	86 00	
<i>Three Pilots at \$82.</i>		332 05
F. X. Ménard.....	82 00	
Michel Vézina (arrears).....	41 00	
do (one year).....	82 00	
Siméon Plante.....	82 00	
<i>Five Pilots at \$79.</i>		287 00
Frs. Côté.....	79 00	
Pierre Charest.....	79 00	
Paul Pouliot.....	79 00	
J. Jéon Roy.....	79 00	
Alexandre Raymond.....	79 00	
<i>One Pilot at \$47.</i>		395 00
James Forbes.....		47 00
WIDOWS OF PILOTS.		
<i>Thirteen Widows at \$68.</i>		
Widow of Edouard Antil.....	68 00	
do Charles Brown.....	68 00	
do Maximin Caron.....	68 00	
do Charles Chouinard.....	68 00	
do Alexis Delisle.....	68 00	
do J. Bte. Dion.....	68 00	
do Ls. Jos. Lavoie.....	68 00	
do Chas. Pouliot.....	68 00	
do Alexis Pelletier.....	68 00	
do Nicholas Paradis.....	68 00	
do Edouard Petitgrew.....	68 00	
do Alexandre Vaillancourt.....	68 00	
do Edouard Marcoux, superannuated 11th March, 1883.....	43 44	
		859 44
Carried forward.....		5,057 01

**STATEMENT of Moneys received and disbursed by the Corporation of Pilots
for the Decayed Pilot Fund of Quebec, etc.—Continued.**

	\$	cts.	\$	cts.
Brought forward.....			5,057	01
PENSIONERS AT THE EXPENSE OF THE FUND—Continued.				
WIDOWS OF PILOTS—Continued.				
<i>Thirteen Widows at \$64.</i>				
Widow of F. X. Delisle.....	64	00		
do Robert Demers.....	64	00		
do Hubert Dumas.....	64	00		
do Jean Gobeil.....	64	00		
do Cyprien Langlois.....	64	00		
do Pierre Laprise.....	64	00		
do Paul Larochelle.....	64	00		
do Jean Frs. Lamarre, superannuated on 6th December, 1883.....	57	95		
do Joseph Mercier.....	64	00		
do Michael Morin.....	64	00		
do Joseph Raymond.....	64	00		
do Pierre Ruelland.....	64	00		
do George St. Amand.....	64	00		
			825	95
<i>Sixteen Widows at \$62.</i>				
Widow of C. J. Adam (A.B.).....	62	00		
do J. E. Adam.....	62	00		
do Damas Babin.....	62	00		
do Marcel Côté.....	62	00		
do Paschal Dick.....	62	00		
do Michel Fournier.....	62	00		
do Nicholas Fortin.....	62	00		
do Pierre Gourdeau (A.F.).....	62	00		
do Isaac Gourdeau.....	62	00		
do Amable Genest (arrears).....	15	50		
do do (one year).....	62	00		
do Ls. Marie Lavoie, on account.....	46	50		
do Bénonie Normand.....	62	00		
do J. M. Plante.....	62	00		
do Gabriel Plante.....	62	00		
do Pierre Paquet.....	62	00		
do Frs. Rioux.....	62	00		
			992	00
<i>Fifteen Widows at \$60.</i>				
Widow of Ant. Boucher.....	60	00		
do Félix Caron.....	60	00		
do Louis Crépault.....	60	00		
do David Cinq-Mars.....	60	00		
do Pierre Curodeau.....	60	00		
do Thos. Connell.....	60	00		
do Vital Charest, on account.....	45	00		
do Joseph Dupil.....	60	00		
do Jean Giroux.....	60	00		
do Pierre Gourdeau (A.N.).....	60	00		
do Jean Marcoux.....	60	00		
do Magloire Mercier (arrears).....	15	00		
do do (one year).....	60	00		
do J. Bte. Patoine.....	60	00		
do J. Bte. Tremblay.....	60	00		
do Ed. Vaillancourt.....	60	00		
			900	00
<i>Sixteen Widows at \$58.</i>				
Widow of Edouard Chevalier.....	58	00		
do J. Bte. Caron.....	58	00		
do Thomas Dick.....	58	00		
Carried forward.....	174	00	7,774	96

**STATEMENT of Moneys received and disbursed by the Corporation of Pilots
for the Decayed Pilot Fund of Quebec, etc.—Continued.**

	\$ cts.	\$ cts.
Brought forward.....	174 00	7,774 96
PENSIONERS AT THE EXPENSE OF THE FUND—Continued.		
WIDOWS OF PILOTS—Continued.		
<i>Sixteen Widows at \$58—Concluded.</i>		
Widow of Amable Fournier (arrears)	29 00	
do do (one year)	58 00	
do Denis Glynn.....	58 00	
do Wm. Irvine	58 00	
do Fabien Langelier	58 00	
do Julien Langlois.....	58 00	
do J. Bte. Laroche.....	58 00	
do A. Lavoie (L.M.).....	58 00	
do Henri Lavoie.....	58 00	
do Firmin Lévesque (on account)	14 50	
do do	43 50	
do Henri Noël.....	58 00	
do Pierre Ross.....	58 00	
do Fred. Simpson.....	58 00	
do Joseph Simpson.....	58 00	
		957 00
<i>Fifteen Widows at \$56.</i>		
Widow of L. Asselin (M.L.)	56 00	
do Grégoire Bernier.....	56 00	
do Germain Caron	56 00	
do Jean Dion.....	56 00	
do Augustin Doiron.....	56 00	
do C. F. Koenig.....	56 00	
do Ovide Lachance.....	56 00	
do L. Langlois (E.D.).....	56 00	
do Joseph Lévesque.....	55 00	
do Antoine Michaud.....	56 00	
do Pierre Normand.....	56 00	
do David Pettigrew	56 00	
do Benj. Pineau.....	56 00	
do Jean Pelletier.....	56 00	
do John Simpson.....	56 00	
		840 00
<i>Nine Widows at \$48.</i>		
Widow of Guillaume Amyot.....	48 00	
do Paul Blouin.....	48 00	
do Frs. Boissinot.....	48 00	
do Célestin Côté.....	48 00	
do P. Desrosiers, <i>alias</i> Dutreral.....	48 00	
do F. X. Lachance.....	48 00	
do P. P. Lachance (died on 20th January, 1884).....	10 66	
do Frs. Leclerc.....	48 00	
do Michel Pelletier	48 00	
do Abraham Royer.....	48 00	
		442 66
<i>Eight Widows at \$40.</i>		
Widow of Alfred Antil (arrears).....	10 00	
do do (account)	10 00	
do Jacques Dandurand (arrears)	10 00	
do do (one year)	40 00	
do André Reable	40 00	
do Guillaume Morency	40 00	
do Magloire Rioux (arrears)	12 00	
do do (one year).....	40 00	
Carried forward.....	202 00	10,014 62

**STATEMENT of Moneys received and disbursed by the Corporation of Pilots
for the Decayed Pilot Fund of Quebec, etc.—Continued.**

Brought forward.....		\$	cts.	\$	cts.
		202	00	10,014	62
PENSIONERS AT THE EXPENSE OF THE FUND—Concluded.					
WIDOWS OF PILOTS—Concluded.					
<i>Eight Widows at \$40—Concluded.</i>					
Widow of Pierre Rouleau.....		40	00		
do J. B. Servant.....		40	00		
do Henri Perrault.....		40	00		
				322	00
<i>Fourteen Widows at \$38.</i>					
Widow of Zach. Blanchet (arrears).....		19	00		
do do on account.....		19	00		
do Fabien Caron.....		38	00		
do Magloire Côté.....		38	00		
do R. Côté (arrears).....		9	50		
do do on account.....		28	50		
do Antoine Fortier.....		38	00		
do L. Langlois (A.R.).....		38	00		
do Pierre Lapointe.....		38	00		
do Louis Ph. Lavoie.....		38	00		
do Pierre Michaud.....		38	00		
do Thos. McNeil.....		38	00		
do Antoine Raymond.....		38	00		
do George Simard.....		38	00		
do Alfred Turgeon		38	00		
do Louis Thivierge.....		38	00		
				532	00
SEVENTEEN CHILDREN OF PILOTS.					
David Charest.....	1	15	00		
Hilaire Couillard.....	1	15	00		
Henri Gauthier (arrears).....	1	15	00		
do 13th Feb., 1884.....	1	4	29		
D. Charest (Gervais) (arrears).....	1	3	75		
do on account.....	1	11	25		
Nil Asselin.....	2	14	55		
Wm. Petitgrew, \$15, \$12.....	2	27	52		
Thomas Boutin.....	1	15	00		
P. Toussaint.....	1	15	00		
F. Dupuis.....	1	15	00		
N. Fortin on account.....	1	11	25		
J. Johan.....	1	15	00		
B. Pineau (arrears).....	1	15	00		
Isaac Forbes.....	2	27	48		
P. Garneau, reached his 15th year on 10th Nov., 1883.....		4	16		
				224	25
RECAPITULATION OF PENSIONS.					
12 Pilots at \$110.....		1,191	37		
8 do 101.....		672	21		
6 do 92.....		560	94		
4 do 90.....		360	00		
4 do 88.....		352	00		
4 do 86.....		332	05		
3 do 82.....		287	00		
5 do 79.....		395	00		
1 do 47.....		47	00		
47 Pilots.....					
Carried forward.....		4,197	57		

STATEMENT of Moneys received and disbursed by the Corporation of Pilots
for the Decayed Pilot Fund of Quebec, etc.—*Continued.*

	\$	cts.	\$	cts.
Brought forward.....	4,197	57		
RECAPITULATION OF PENSIONS— <i>Concluded.</i>				
13 Widows at \$68	859	44		
13 do 64	825	95		
16 do 62	992	00		
15 do 60	900	00		
16 do 58	957	00		
15 do 56	840	00		
9 do 48	442	66		
8 do 40	322	00		
14 do 38	532	00		
19 Widows.				
17 Children at \$15, \$12.50 and \$10.....	224	25		
183 Pensioners.....			11,092	87
CREDIT.				
RECEIPTS—DETAIL.				
To Balance of 1883.....	3,342	70		
Syndics of the Quebec Roads : 1 year's interest on \$22,800, at 6 per cent., on 1st July, 1884.....	1,363	00		
The City of Quebec : 1 year's interest on \$9,000, at 7 per cent., on 1st July, 1884.....	630	00		
Treasury Department : 1 year's interest on \$20,000 on 1st July, 1884, at 5 per cent.....	1,000	00		
Estate of P. Boisseau : 1 year's interest on \$1,000 on the 26th January, 1884, at 6 per cent.....	60	00		
The Corporation of Pilots : 1 year's interest on \$300, at 5 per cent.....	15	00		
The Savings Bank : Interest received on 25th May, 1885, on current account.....	76	98		
Amount received from the Corporation of Pilots.....	7,961	18		
do do Captains Pilots.....	160	29		
DEBIT.			14,614	15
PENSIONS AND RELIEF, ETC., PAID DURING THE SEASON OF 1884.				
y Relief.....	385	74		
Arrears on pensions to 31st December, 1883.....	202	91		
Amount of pay-list of pensions for quarter ended 31st January, 1884.....	2,709	50		
do do do 30th April, 1884.....	2,709	53		
do do do 31st July, 1884.....	2,782	02		
do do do 31st October, 1884.....	2,688	91		
Salary of the Treasurer and Assistant.....	500	00		
Deposits in Savings Bank.....	2,599	55		
Balance on hand.....	35	99		
STATEMENT OF FUND.			14,614	15
oneys loaned.....	53,352	71		
mount in Savings Bank.....	2,599	55		
do Treasurer's hands.....	35	99		
	55,988	25		
To deduct arrears of pensions due this day.....	274	82		
			55,713	43

E. & O. E.

QUEBEC, 31st December, 1884.

F. X. DION, *Treasurer.*

We, the undersigned, certify to having minutely examined the books and accounts of the Decayed
Pilot Fund, and having found them correct.

EUGENE D. BOULANGER,
DAVID DUMAS.THOMAS BOISSINOT,
Accountant.

APPENDIX No. 38.

TO THE SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND FISHERIES, BEING REPORT ON THE DECAYED PILOT FUND OF MONTREAL, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

HARBOUR COMMISSIONERS' OFFICE,
MONTREAL, 22nd January, 1885.

SIR,—I have the honour to transmit herewith, for the information of the Honourable the Minister of Marine and Fisheries, statements of the receipts and disbursements of the Montreal Decayed Pilot Fund, for the year ending the 31st December, 1884. Also a statement shewing the state of the said Fund at that date.

The Fund, as stated in former reports, is in a good condition, and shows a net increase of \$1,052.61 for the year, although the receipts for poundage, etc., were somewhat less than usual, viz. :—

Poundage.....	\$2,141 84
Interest on investments.....	1,905 00
Total.....	\$4,046 84

I have to report the following changes in the list of pensioners :—The widow of Jos. Lacourière, died on the 2nd January; old pilot F. A. Mayrand, on the 6th of the same month; pilot Ed. Naud, (reported last year as having become insane) on the 15th April; widow of Alex. Trottier, on the 30th June, and old pilot P. M. Mathieu, on the 10th December. The widow of Ed. Naud, above referred to, continues to receive the usual pension.

There are 23 pensioners on the Fund, viz. :—19 widows and 4 old pilots. The amount paid for pensions during the year was \$3,131.61.

I have the honour to be, Sir,

Your most obedient servant,

H. D. WHITNEY,
Secretary.

WILLIAM SMITH, Esq.,
Deputy Minister Marine,
Ottawa.

	1884.	\$	cts.	1884.	\$	cts.
To Balance brought forward.....	Jan. 1...	7,604	19	Feb. 1...	By Paid the following pensions for 3 months ending 1st February : —	
6 months interest on \$24,000, Harbour Bonds, due January.....	do 29...	767	50		Widow Olivier Abelle.....	28 00
6 months interest on \$5,000, City of Montreal Bonds, due January 1.....	Feb. 11...	125	00		do Thomas Dubord	24 00
Poundage 1883 from Collector of Customs, Three Rivers.....	do 12...	66	71		do Hebert Lemai.....	28 00
Received from Collector of Customs, poundage May.....	May 31...	159	14		do Léandre Mayrand.....	28 00
Received from Pilot O. Brunet, poundage barque "Gato".....	June 1...	1	05		Old Pilot Onésime Naud.....	50 00
Received 6 months interest on \$2,000, Montreal Water Works Bonds, due May 1.....	do 3...	60	00		do Joseph Lafrenière.....	50 00
Received from Collector of Customs, poundage June.....	do 30...	296	67		Widow Olivier Raymond.....	28 00
Received from Pilot Z. Bouille, poundage steamer "Rocket".....	July 10...	0	80		do Zéphirin Boudreau.....	28 00
Received from Collector of Customs, poundage July.....	do 31...	369	34		do Lelia Hamelin.....	28 00
Received from Pilot U. Loupin, poundage yacht "Nubienne".....	Aug. 5...	3	20		do Jos. Bouies	28 00
Received 6 months interest on \$24,000, Harbour Bonds, due July 5....	do 7...	767	50		Heirs Jos Lacoursière, balance.....	76 50
Received from Collector of Customs, poundage August.....	do 31...	373	91		do Hector Hamelin, 4½ months.....	42 34
Received 6 months interest of \$5,000, City of Montreal Bonds, due July 1.....	Sept. 6...	125	00		do Isaie Beaudry	28 00
Received from Collector of Customs, poundage September.....	do 30...	317	65		do Sévère Bellisle	28 00
Received from Collector of Customs, poundage October.....	Oct. 31...	316	24		do Narcisse Bouille.....	28 00
Received 6 months interest on \$2,000, Montreal Water Works Bonds, due Nov. 1.....	Nov. 15...	60	00		do L. David Bouille.....	22 00
Received from Pilot L. N. Bouille, steamer Montreal, poundage on salary 1884.....	do 17...	50	00		do Moise Bron	22 00
Received from Collector of Customs, poundage November.....	do 30...	187	13		do Alex. Trottier.....	28 00
Received from City and District Savings Bank, interest on account.....	Dec. 31...	137	38		do David Mathieu	24 00
Carried forward		11,788	41		do Ed. Boudreau	28 00
					do Eusèbe Toupin	24 00
					Mme. Ed. Naud.....	43 75
					Old Pilot Jos. L. Dussereau.....	50 00
					do P. M. Mathieu.....	50 00
					do Placide Gailloodet.....	50 00
					Heirs F. A. Mayrand.....	35 93
					Widow Zéphirin Mayrand	28 00
					do Léandre Mayrand, balance.....	9 00
					Heirs Pierre Pagé.....	4 67
					Paid Dr. Johnston, Sorel, services account P. Naud.....	5 00

DR. H. D. WHITNEY, Treasurer, in account with the Decayed Pilots Fund. CR.

	\$	cts.	1884.		\$	cts.
Brought forward		11,788 41				
May 1... By paid the following pensions for three months ending 1st May:—					887 19	
Widow Olivier Abelle.....						28 00
do Thos. Dubord.....						24 00
do Hubert Lemai.....						28 00
do Isale Beaudry.....						28 00
do Sèvre Bellisle.....						28 00
do Zéphirin Boudreau.....						28 00
do Narcisse Bouille.....						28 00
do L. David Bouille.....						22 00
do Moise Biron.....						22 00
do Alex. Trottier.....						28 00
do David Mathieu.....						24 00
do Ed. Boudreau.....						28 00
do Zéphirin Mayrand.....						28 00
do Hector Hamelin.....						28 00
Mme. Edouard Naud.....						43 75
Old Pilot Jos. L. Dusserrean.....						50 00
do P. M. Mathieu.....						50 00
do Joseph Lafrenière.....						50 00
do Placide Gaillardet.....						28 00
Widow Jos. Bouies.....						28 00
do Felix Hamelin.....						28 00
do Olivier Raymond.....						28 00
Old Pilot Onésime Naud.....						28 00
Widow Eusèbe Toupin.....						50 00
By paid for four Montreal Harbour Bonds, 5 per cent. 30 years Bonds—\$1,000.....						24 00
Aug. 1... By paid the following pensions for three months ending 1st August:—					4,000 00	
Widow Olivier Abelle.....						28 00
do Zéphirin Boudreau.....						28 00
do Jos. Bouies.....						28 00
do Thos. Dubord.....						24 00
do Hubert Lemai.....						28 00
Old Pilot Onésime Naud.....						60 00
Widow Felix Hamelin.....						28 00
do Olivier Raymond.....						28 00
do Isale Beaudry.....						28 00

do	Narcisse Bouille	28 00
do	Louis D. Bouille	22 00
do	Moise Biron	24 00
do	David Mathieu	28 00
do	Ed. Boudreau	24 00
do	Eusebe Toupin	28 00
do	Zéphirin Mayrand	28 00
do	Hector Hamelin	28 00
do	Old Pilot Jos. L. Dussereau	50 00
do	P. M. Mathieu	50 00
do	Jos. Lafrenière	50 00
do	Placide Gaillardet	50 00
do	Heirs Widow Alex. Trottier, balance	18 67
do	Widow Ed. Naud	24 00
Nov.	By paid the following pensions for three months ending 1st November :—	
	Widow Olivier Abelle	28 00
do	Hector Hamelin	28 00
do	Zéphirin Boudreau	28 00
do	Jos. Boules	28 00
do	Thos. Dubord	24 00
do	Felix Hamelin	28 00
do	Hubert Lemai	28 00
do	Olivier Raymond	25 00
do	Old Pilot Onésime Naud	50 00
do	Widow Isaie Beaudry	28 00
do	Sévère Belisle	28 00
do	Narcisse Bouille	28 00
do	Louis D. Bouille	22 00
do	Moise Biron	24 00
do	David Mathieu	28 00
do	Ed. Boudreau	24 00
do	Eusebe Toupin	28 00
do	Zéphirin Mayrand	24 00
do	Ed. Naud	50 00
do	Old Pilot Jos. L. Dussereau	50 00
do	P. M. Mathieu	50 00
do	Jos. Lafrenière	50 00
do	Placide Gaillardet	50 00
	Balance carried forward	4,656 80
	Total	11,788 41

H. D. WHITNEY, Treasurer, in account with the Decayed Pilots Fund—*Con*

STATEMENT OF FUND.		\$	cts.
Montreal Harbour Bonds—6½ per cent. interest		19,000	00
do 6 do		5,000	00
do 5 do		4,000	00
Montreal Water Works Bonds—6 per cent. interest		2,000	00
City of Montreal Consolidated Fund—5 per cent. interest.....		5,000	00
Cash in City and District Savings Bank—3 do		4,636	23
Cash on hand.....		20	57
		39,656	80

H. D. WHITNEY,
Treasurer.

MONTREAL, 31st December, 1884.

I hereby certify that I have examined the statement of receipts and disbursements of the Treasurer of "The Montreal Decayed Pilot Fund," for the year ended the 31st December, 1884; also, the securities mentioned in the above statement as belonging to this fund, and the cash on hand, all of which I find to be correct.

ANDREW ALLAN,
Harbour Commissioner and Chairman Pilot Committee.

SUPPLEMENT

TO THE

SEVENTEENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE,
BEING FOR THE FISCAL YEAR ENDED 30TH JUNE, 1884.

REPORTS

OF THE

CHAIRMAN OF THE BOARDS OF

STEAMBOAT INSPECTION

AND EXAMINERS OF MASTERS AND MATES,

THE

TORONTO, MONTREAL, QUEBEC AND PICTOU

HARBOUR COMMISSIONERS

THE PILOTAGE AUTHORITIES,

THE HARBOUR AND SHIPPING MASTERS, CERTAIN PORT WARDENS, AND ON THE
HARBOUR POLICE OF MONTREAL AND QUEBEC, TOGETHER WITH
STATEMENT OF WRECKS AND CASUALTIES AND LIST
OF REWARDS FOR SAVING LIFE,

CHIEFLY UP TO THE

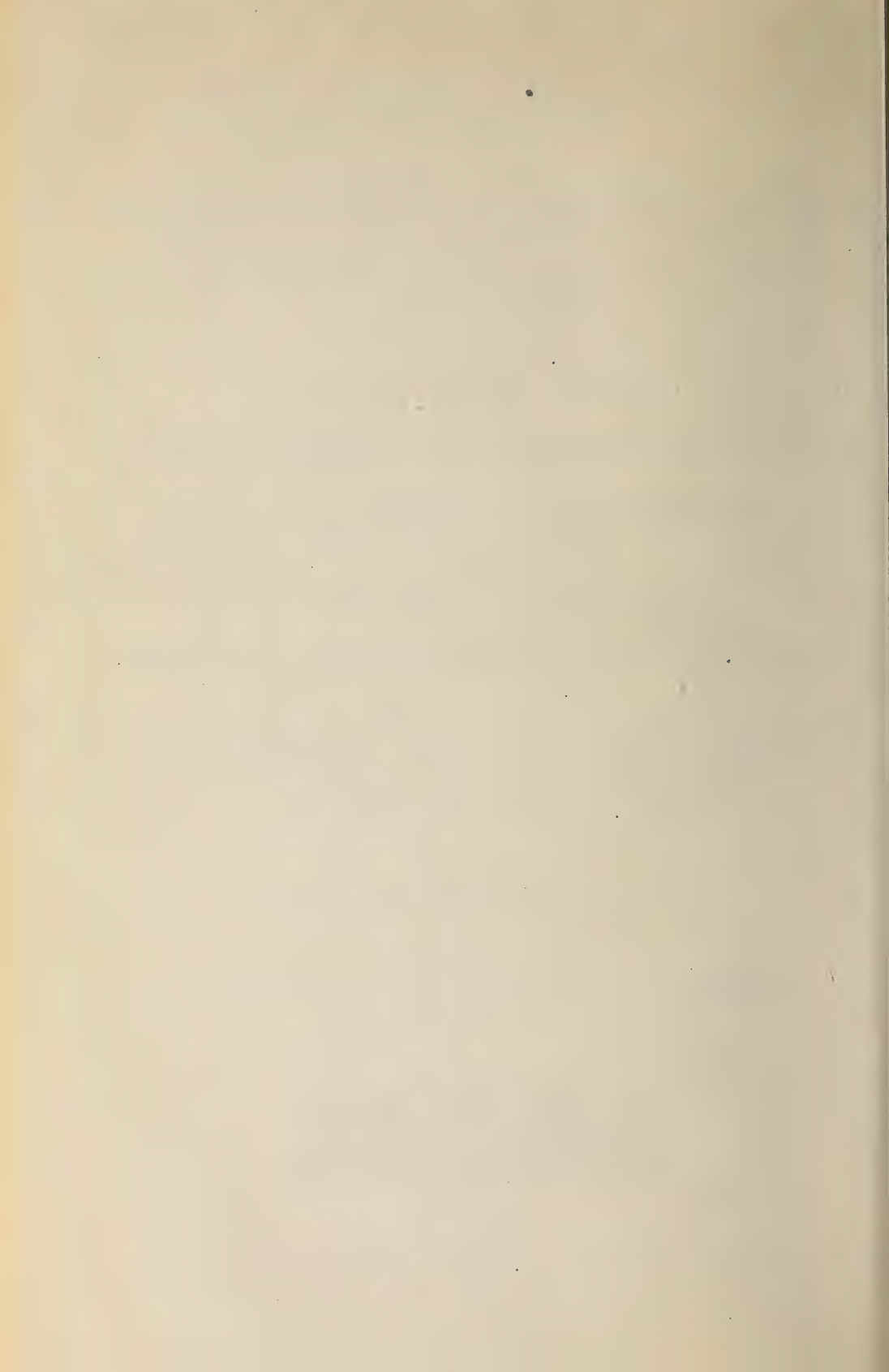
31ST DAY OF DECEMBER, 1884.

PRINTED BY ORDER OF PARLIAMENT.



OTTAWA:

PRINTED BY MACLEAN, ROGER & Co., WELLINGTON STREET,
1885.



SUPPLEMENT.

The Hon. A. W. McLELAN, M.P.,
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith Supplement to the Seventeenth Annual Report of the Department of Marine, being for the year 1884, containing the Reports of the Chairmen of the Boards of Steamboat Inspection and Examiners of Masters and Mates, the Toronto, Montreal, Quebec and Pictou Harbour Commissioners, the Pilotage Authorities, the Harbour and Shipping Masters, certain Port Wardens, and on the Harbour Police of Montreal and Quebec, together with Statement of Wrecks and Casualties and List of Awards for Saving Life.

My remarks on the subjects specified in the above mentioned Reports will be found in the Annual Report of this Department, submitted on the 1st January last.

I have the honour to be, Sir,

Your most obedient servant,

WM. SMITH,

Deputy Minister of Marine.



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APPENDIX No. I.

REPORT OF THE CHAIRMAN OF THE BOARD OF STEAMBOAT INSPECTION FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

BOARD OF STEAMBOAT INSPECTION,
CHAIRMAN'S OFFICE, TORONTO, 1ST JANUARY, 1885.

HON. A. W. McLELAN,
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith my Annual Report for the year ended the 31st December, 1884.

During the year Mr. Edward S. Vigor was appointed Inspector of Steamboats in British Columbia, along with Mr. Richard Collister as Hull Inspector, for the Port of Victoria.

Mr. Oliver P. St. John, was also appointed for the West Ontario, and Huron and Superior Division, and Captain James Dick, Hull Inspector for the Province of Ontario.

BOARD MEETINGS.

Sittings of the Board were held for the examinations of engineers, and renewal of certificates to qualified engineers, in February, at Toronto, St. Catharines, Collingwood and Sarnia.

A quorum of the Board was convened the 24th March, at Montreal, for the further examinations of Mr. Francis Gendron for the office of Inspector of engines and boilers of steamboats for the district of Three Rivers. Mr. Gendron again failed to pass. The following resolution was passed at the meeting.

RULES AND REGULATIONS.

RULE.—Moved and unanimously approved, that Rule 5, of Rules and Regulations, requiring the tops of combustion boxes, supported by solid, rectangular girders, that three-fifths of the pressure shall be sustained by hanging stays.

On the 4th April a meeting of the Board was convened at Toronto to examine Mr. Arthur Vipond, of Victoria, British Columbia, for the office of Inspector of Steamboats for that division. Mr. Vipond failed to appear before the Board, deciding to return home without being examined.

As no sitting of the Board had been held in the Maritime Provinces for several years, and as the Act of 1882 was likely to give rise to enquiries among steamboat people in respect to its operation, I deemed it expedient to convene a meeting at St. John, N.B., and Halifax, N.S. Accordingly, the Board met at the former place on the 1st September, and at Halifax on the 9th following. Besides the examination of engineer candidates and renewal of certificates to qualified engineers, the following rules and regulations were adopted:

1st.—That tugs towing rafts and carrying the raftsmen shall not be classed as passenger boats;

2nd.—That Rule 20, of Rules and Regulations be amended by substituting 2½ inches in place of 3 inches for safety valves for steamboat boilers, under 42 inches diameter.

3rd. Referring to fixed hooks in blocks used for lowering the life-boats referred to in Rule 20 of Rules, that the same shall remain in force. See "Life-boats."

4th. Steamers under 60 tons register, provided with a pony pump, may dispense with a hand engine pump, using the main engine pump for testing the boiler.

A resolution directing the attention of the Department to the enforced inspection of Canadian steamers in United States waters by inspectors of that Government, recommending a discontinuance of it, or, failing to obtain that, a similar inspection of United States steamers trading in Canadian waters, be enforced.

A proposal to recommend a re-enactment of the Act providing first assistant engineers is disapproved, it being decided to leave the matter with owners of steamboats, they being the most interested in its adoption.

The recognition of Canadian engineers' certificates, first and second-class, by the Imperial Board of Trade, was considered, and the conclusion come to that it might be safely done; that in knowledge, experience, time of service, and general qualifications, our engineers compare favourably under the Board of Trade examination rules, upon which these certificates are granted. It was also recommended that Board of Trade certificates be recognized in Canada.

At a meeting of the Board at Toronto, 24th October, referring to engineers holding second and third class certificates, who have allowed their certificates to lapse, and desire their renewal, but are not qualified, under the Act of 1882, to pass examination, it is decided that such candidates may obtain a renewal of their papers, on proof of good character and competency for the position.

BOARD MEETING AT MONTREAL.

A quorum met at Montreal, 18th November. Present—Messrs. Burgess, Samson, Adams, and the chairman.

The business of the meeting was chiefly confined to the examination of engineer candidates, and renewal of certificates to qualified engineers.

You will be pleased to learn that the operation of that portion of the Act of 1882 which applies to the construction and manufacture of marine boilers has been in the highest degree satisfactory. Assuming the material to be of the best quality, we may safely say that the boilers turned out, under the provisions of that Act, as first-class, cannot be surpassed for safety and durability. This is generally acknowledged by owners and engineers of steamboats, while the manufacturer is assured that good workmanship and material is recognized.

CASUALTIES INVOLVING LOSS OF LIFE.

Except the loss of four lives by collision of the C. P. R. steamer *Alberta* with the United States steamer *J. M. Osborne*, in July last (three of these belonged to the *Osborne* and one to the *Alberta*), we have cause to be grateful for exemption in this respect over previous years.

CASUALTIES NOT INVOLVING LOSS OF LIFE.

ONTARIO, HURON AND SUPERIOR DIVISION.

Steamer *Europe*, burnt 20th April.

Steamer *Argyle*, sunk in May, raised and repaired; *California* stranded.

C. P. R. steamer *Alberta* collided with the United States steamer *Pacific*.

Steam barge *C. N. Pratt*, engine disabled.

Steamer *A. Neff*, engine disabled.

Tug *Jerome*, burnt.

Steam barge *Victoria*, stranded in Lake Huron, in October.

Steam ferry *Essex*, upper works burnt.

Steam barge *Tecumseth*, stranded in Michael's Bay, Lake Huron, late in November.
Passenger steamer *City of Owen Sound*, stranded at Michipicoten River, 24th November, where she now lies.
Steam barge *Isaac May*, lost her rudder on Lake Superior.
Steam barge *Fortune*, stranded off Long Point, Lake Erie. Total loss.
Steam barge *Erin*, struck a rock off Keewenaw Point, Lake Superior, 2nd December. Was got off.
Steam yacht *Lively*, burnt at St. Catharines.

KINGSTON DIVISION.

Steamer *Victoria*, Kingston, Ont., burnt when fitting out in the spring.
Steam ferry steamer *Prince Edward*, burnt at the wharf, Belleville. Total loss.
Steam tug *H. B. Sherwood*, burnt on the Bay of Quinte. Total loss.
Steamer *Hastings*, broken shaft.
Steamer *John A. McDonald*, broken shaft.

MONTREAL DIVISION.

Steamer *Allure*, partially burnt at Carillon.

QUEBEC DIVISION.

Steamer *Saguenay*, burnt at the wharf, Quebec; supposed to be caused by the explosion of a coal oil lamp.
Steam tug *C. G. Jones*, burnt while under way near Quebec.

MARITIME PROVINCES DIVISION.

Steam tug *Victor*, run into and sunk at St. John, N. B.
Steamer ferry boat *Maggie Noble*, burnt at the wharf at Rothesay, N. B.

MANITOBA AND KEEWATIN DIVISION.

Steamer *Lily*, sunk at the South Saskatchewan.

BRITISH COLUMBIA DIVISION.

No casualties reported.

NUMBER of Steam Vessels in the Dominion during the Year 1884, with the Gross Tonnage in the several Divisions.

Divisions.	No.	Tons.
West Ontario, Huron and Superior.....	258	51,347·20
Kingston.....	126	13,794·00
Montreal.....	132	21,381·00
Quebec.....	150	31,638·00
Maritime Provinces.....	117	13,531·00
Manitoba and Keewatin.....	50	6,935·71
British Columbia.....	58	11,484·77
Total.....	891	150,111·68

RECEIPTS on account of Steamboat Inspection during the Year ended 31st
December, 1884.

	\$	cts.
West Ontario, Huron and Superior	3,994	48
Kingston	1,157	80
Montreal	1,512	28
Quebec	2,116	84
Maritime Provinces	1,307	68
Manitoba and Keewatin	516	18
British Columbia	992	13
	11,597	39
Engineers' Fees	1,986	00
Total Receipts	13,583	39

ENGINEERS' CERTIFICATES issued during the Year 1884, and Grade.

First class	27
Second class	203
Third class	475
Total	705

I have the honour to be, Sir, your most obedient servant,

SAMUEL RISLEY,

Chairman Board of Steamboat Inspection.

STEAMBOAT Engineers' Examinations and Renewals during the Year ended 31st December, 1884, the name of the Engineer, Class, and the Fee Paid.

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1883—Renewals paid during the year 1884.		\$			\$
B.			L.		
Brown, Abraham J.....	3	5	Lacroix, Urbain	2	5
Brulé, Henry	3	5	Lemai, Isaie	3	5
C.			Lapointe, Frank	3	5
Clement, Charles.....	3	5	Long, John A.....	3	5
Chater, Thomas	3	5	M.		
Campbell, John W.....	3	5	Morrill, Thos. H.....	3	5
E.			Morin, Pierre	3	5
Ewen, Oliver	2	5	Mc.		
Eldridge, John W.....	3	5	McMillan, William	3	5
Elliott, Thos.	2	5	McLean, David	2	5
F.			N.		
Fréchette, William.	2	5	Noël, Hypolite.....	3	5
J.			R.		
James, James.....	3	1	Rousseau, Elizé.....	3	5
L.			Ritter, Arthur E.....	3	5
Lapointe, Eusèbe.....	3	5	T.		
			Tardif, Napoléon	3	5

**STEAMBOAT Engineers' Examinations and Renewals during the Year ended 31st
December, 1884, the Name of the Engineer, Class, and the Fee Paid.**

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1884.		\$	1884.		\$
A			B		
Anderson, James P.....	3	5	Booth, John.....	2	5
Alexander, Niel S.....	2	5	Bourke, Michael.....	3	5
Arpin, Louis.....	1	5	Barlow, Thomas.....	2	5
Arnold, John.....	3	5	Boucher, Paul.....	3	5
Armstrong, John.....	3	5	Beaudoin, Napoleon.....	3	1
Anderson, James.....	3	5	Beaucage, Eli.....	3	1
Atkins, William.....	3	1	Boudoin, Luc.....	3	1
Audette, Pierre.....	3	1	Bracken, James.....	3	1
Anderson, Gavin.....	3	1	Boufort, Xavier.....	3	1
Adams, Thos. A.....	3	5	Bolduc, Jean Bpte.....	3	1
Allan, Bradford.....	3	1	Belanger, Eugène.....	3	1
Allison, James L.....	3	1	Belanger, Germain.....	3	1
Arcand, John.....	2	1	Befort, Francis.....	3	1
B			Blanchette, Dezire.....	3	1
Belson, William.....	2	5	Belanger, Philias.....	3	1
Brown, George, No. 3.....	3	5	Barron, George.....	2	5
Benson, Thomas.....	3	5	Boucher, Alexander.....	3	1
Bellefeuille, Clovis.....	3	5	Belaire, François.....	3	1
Beaudette, Noel.....	3	5	Bothwell, George.....	3	1
Bampton, William.....	3	5	Beiler, G. F.....	3	5
Brown, James H.....	2	5	Boone, Jared.....	3	1
Braund, Henry.....	2	5	Boner, John.....	3	1
Brown, James, No. 2.....	3	5	Brisbin, Samuel.....	3	1
Boyd, Isaac.....	2	5	Brulé, Henry.....	3	1
Bell, James.....	3	5	Black, William A.....	2	1
Bennett, Alfred.....	2	5	Boyd, David.....	3	1
Blair, William.....	3	5	Bourgeois, Charles.....	3	1
Brackenridge, J. A.....	2	5	Burrows, George.....	3	1
Banks, Erastus.....	3	5	Brownrigg, John.....	3	1
			Batte, George.....	3	1

STEAMBOAT Engineers' Examinations and Renewals, &c.—*Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1884.		\$	1884.		\$
B.			C.		
Blondin, Moses.....	2	1	Chater, Thomas.....	3	5
Brunette, Cyprien.....	3	1	Cole, Thomas Bonney.....	3	5
Burk, Francis.....	3	1	Cunningham, Wm. H.....	2	1
Batchelder, William S.....	3	5	Catline, M. H.....	2	1
Bedard, Edward.....	3	1	Carrick, John.....	2	1
Butler, Peter Marus.....	2	5	Cameron, Duncan.....	3	5
			Carboneau, P.....	2	1
C.			Castin, Frederick.....	3	1
Cook, Alexander.....	3	5	Cartier, Phillipe.....	3	1
Cockburn, John.....	2	5	Caswell, Henry H.....	3	1
Caldwell, James.....	2	5	Cremer, Charles Geo.....	3	5
Charland, Pierre.....	3	5	Cook, Richard.....	3	1
Cayen, Jean.....	2	5	Cragin, James.....	2	1
Clement, Charles.....	3	5	Charland, Hermenegilde.....	3	1
Grandell, Franklin.....	2	5	Castonguay, Ernest.....	3	1
Chapman, John.....	3	5	Catara, Emanuel.....	3	1
Crossland, James.....	2	5	Clark, James.....	3	1
Conrick, Thomas.....	3	5	Chestnut, James.....	2	1
Cohen, Frank.....	3	5	Chapdelaine, François, jun.....	2	1
Clawson, James.....	3	5	Cloutier, Joseph.....	3	1
Charbonneau, Alfred.....	1	5	Cumming, Charles.....	3	1
Cook, William.....	3	5	Cox, Charles Ernest.....	1	5
Carl, Milo A.....	3	5	Cumming, John C.....	1	5
Coons, Alfred.....	3	5	Cheyne, John F.....	3	5
Calcott, William.....	2	5	Caldwell, E. F.....	2	1
Campbell.....	3	5	Campbell, John Wm.....	3	1
Cameron, James.....	2	5	Contois, John.....	3	5
Carter, De Witt.....	3	5			
Cochran, George.....	3	5	D.		
Cameron, Angus A.....	3	5	Downey, John, No. 2.....	3	1
Cameron, Allan J.....	2	5	Duval, Francis.....	3	5

STEAMBOAT Engineers' Examinations and Renewals, &c.—*Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1884.			1884.		
D		\$	D		\$
Donaldson, F. W.....	3	5	Downey, John, No. 1.....	3	1
Dee, John	2	5	Dunham, Isaac.....	3	1
Dickson, John H.....	2	5	Drysdale, James S.	1	5
Derry, William	2	5	Devan, William.....	3	1
Dodds, John	2	5			
Doran, John	2	5	E		
Dunn, Charles George	2	5	Ellis, James H.....	2	5
Demers, Joseph.....	3	5	Edgar, James.....	3	5
Dungan, John	2	5	Eldridge, John W.....	3	5
Dungan, James	2	5	Elliott, Thomas.....	2	1
Ducap, Mathais.....	2	5	Ellison, John	3	1
Dawson, Josiah.....	3	1	Edmonds, William.....	3	1
Dougherty, Joseph.....	3	5	Emerson, Samuel	3	5
Ducap, Ulric.....	3	1	Evans, Wm. B.....	2	1
Dumas, Alexis.....	3	1	Esdaile, John P.....	2	5
Ducharme, Alexis	3	1			
Dumas, Laurent	2	1	F		
Davidson, John.....	2	1	Fortin, Antoine.....	3	5
Dunn, Henry	3	1	Fournier, Joseph	3	5
Dion, Michel	2	1	Fox, Edward William.....	3	5
Denis, Edward	3	1	Feightern, Joseph	3	5
Daly, William	2	1	Free, Henry	2	5
Dowser, Charles	3	1	Filteau, Octave.....	2	5
Doan, Moses	3	1	Frechette, William.....	2	5
Dion, Leon	3	1	Foster, Robert	2	5
Denis, Edward, sen.....	2	1	Foster, D. M	3	5
Drew, Nathaniel.....	2	1	Feetum, C. C.....	2	5
Dennis, François.....	3	1	Fraser, A. M.....	2	1
Dennison, John.....	3	1	Fraser, Cameron	3	1
Dawson, Henry	3	1	Fraser, David.....	3	1
			Fugère, Narcisse.....	3	1

STEAMBOAT Engineers' Examinations and Renewals, &c.—*Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1883.		\$	1884.		\$
F			G		
Fahey, Patrick J.	3	1	Gourdain, Dosithe	3	1
Fortin, John	2	1	Grylls, John	3	1
Fillion, Paul	3	1	Good, Thomas	3	1
Fowler, Jasper	2	1	Goodyer, Charles	3	1
G			H		
Gowan, John W.	3	5	Heverley, Silas	3	5
Germain, Solomon	3	5	Hoyer, Marcus	3	5
Gill, Alfred M.	3	5	Harrington, John	3	5
Ginac, Alfred	2	5	Hazlett, George	3	5
Goyette, Charles	3	5	Henderson, George	3	5
Girard, Edward	2	5	Hathaway, H. A.	1	5
Gillie, James	2	5	Hickey, Thomas	2	5
Glandiu, F. X.	2	5	Horgan, Thomas	3	5
Goulette, Ambroise	2	5	Head, Thomas	2	5
Gray, William	3	5	Hill, Moses	3	5
Gorrell, Charles	3	5	Hamilton, Gavin	3	5
Gray, J. H. D.	2	1	Haviland, Geo. T.	3	1
Gill, J. A.	3	1	Haviland, Thomas	3	1
Gaily, Andrew	3	1	Hiscock, Edward C.	3	1
Greig, Charles	2	5	Hough, Edwin	3	5
Gendron, Charles	2	1	Hanice, Ferdinand	3	1
Grooms, Asael	3	1	Hamel, Urbain	3	1
Gallivan, John	3	1	Howard, John	2	1
Godin, Leandre	3	1	Hazlett, John	2	1
Gendron, Francis, sen.	2	1	Hamel, Alfred	3	1
Gendron, Francis, jun	3	1	Hunter, Walter	3	1
Gray, John	3	1	Hodgins, Joseph	3	1
Gill, Justus	3	1	Huff, George	3	5
Grant, Gordon F.	2	1	Hickey, James	2	1
Gerard, Jerry	3	1	Hughes, Charles R.	2	5

STEAMBOAT Engineers' Examinations and Renewals, &c.—*Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1884.		\$	1884.		\$
H			K		
Hallersby, Edward.....	1	5	Keating, W. W.....	3	5
Huffa, John.....	3	1	Kelly, John, No. 1.....	3	1
Hamelin, Zépherin.....	3	1	Kerr, Atcheson, jun.....	3	1
Hamelin, Hercule.....	3	1			
Hardy, Cyrus.....	3	1	L		
			Laclere, Joseph.....	3	5
J			Larivière, Pierre....	2	5
Jento, Napoleon T.....	3	5	Lewis, James.....	3	5
Jones, Hiram B.....	3	5	Lawrence, Peter.....	3	5
Jento, Timothy.....	2	5	Leitch, Tnomas.....	2	5
Johnson, William.....	3	5	Lookerbie, William.....	1	5
Jean-Marie, Jean.....	3	5	Littlebury, John A.....	3	5
Judson, William H.....	3	1	Lafrinière, Barnaby.....	3	5
Jones, William M.....	3	1	Lamothe, Octave.....	3	1
Johnston, Gilbert.....	2	1	Lapointe, Eusèbe.....	3	1
Johnson, John.....	2	1	Lucier, Raphael.....	2	1
Jacques, Siméon.....	3	1	Lintor, Charles.....	2	1
Jimason, Isaac.....	3	1	Lacroix, Trefle.....	2	1
Jacobs, Silas H.....	3	1	Lafleur, Xavier.....	2	1
Julien, Ludger.....	3	1	Lavallée, Charles.....	3	1
James, James.....	3	1	Lavallée, Alfred.....	3	1
Jeffcott, John Edward.....	2	5	Lawler, William.....	3	5
			Luke, W. G.....	3	1
K			Lavallée, Narcisse.....	3	1
Kelley, John, No. 2.....	3	5	Lavery, Wilson.....	2	5
Kirkpatrick, David M.....	3	5	Lacroix, Urbain.....	2	1
Kenny, Robert.....	2	5	Lapointe, Frank.....	3	1
Kinnon, John.....	3	5	L'Heureux, Arthur.....	3	5
Kennedy, Wm., No. 3.....	2	5	Lamerville, Achille.....	3	1
Kirkpatrick, Neil.....	3	5	Lamotte, Olivier.....	3	1
Kennedy, William, No. 1.....	2	1	Lee, Fred. A.....	3	1

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1884.			1884.		
L		\$	M		\$
Lacombe, Alfred.....	3	1	Menish, George.....	2	1
Leclaire, Jean Baptiste.....	3	1	Marchand, Narcisse	3	1
Long, John.....	3	1	Martin, Joseph.. ..	3	1
Lard, Joseph Gideon.....	3	1	Mathieu, Thomas	2	1
Latulipe, Michael.....	3	1	Matte, Charles.....	2	1
M			Mandville, François, sen.....	2	1
Morrison, Angus.....	3	5	Morreau, Lewis	3	1
Marchand, Hilaire.....	3	5	Matte, John, No. 1, jun.....	2	1
Morin, Pierre	3	5	Maudville, Francis, jun.....	3	1
Morrill, Thomas H.....	3	5	Matte, John, No. 2, jun.....	3	1
Munro, George.....	1	5	Marchand, Edward	2	1
Mills, Thomas	3	5	Michaud, Achille	3	1
May, John.....	1	5	Morton, William	3	1
Mellon, George	3	5	Mitchell, Thomas G.....	2	5
Munro, Francis	1	5	Matte, Thomas	3	1
Murphy, Thomas, No. 1	3	5	Madden, Jeremiah.....	2	1
Miller, William	2	5	Mathieu, Xavier	3	1
Mundell, John.....	2	5	Melotte, Pierre	3	1
Miller, John	2	5	Moffatt, Thomas	3	1
Matthews, Jacob.....	3	5	Murphy, Walter	3	1
Morrison, William H.....	3	5	Morrison, Thomas W.....	3	1
Miller, S.....	3	5	May, William.....	3	1
Murray, James.....	2	5	Madden, Michael.....	2	1
Milne, Thomas.....	2	5	Madigan, Benjamin	2	1
Marshall, Robert.....	3	5	Morrison, Kenneth	1	5
Merrill, Fred.....	3	5	Morris, James E.	1	5
Mitchell, James.....	3	5	Marshall, James	3	1
Matte, Jean Baptiste	3	5	Morrison, Donald, No. 1	3	1
Morrison, William	3	5	Morreau, Guillaume	2	1
Martell, William E.....	3	5	Munro, William H.....	3	1

STEAMBOAT Engineers' Examinations and Renewals, &c.—*Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1884.			1884.		
M		\$	Mc		\$
Mayer, Christian	3	5	McFarlane, Charles	2	1
Mc			McPherson, Alexander	3	1
McLeod, Kenneth	3	5	McKenzie, William	3	1
McGill, Jeremiah	2	5	McDonald, Angus	3	1
McMillan, John	1	5	McDonald, J. C.	3	1
McRoberts, Alexander	2	5	McNiel, John	3	1
McDermid, Alexander	3	5	McInnes, Duncan	3	5
McRae, Alexander	3	5	McKee, John	3	1
McKean, Edward W.	3	5	McMaugh, Arthur W.	2	1
McQuade, David	2	5	N		
McGregor, Wm. A.	3	5	Noyez, John O.	3	5
McBride, Archibald	2	5	Norton, F. J.	3	5
McBride, Robert	3	5	Norval, Robert	2	5
McBride, Thomas	2	5	Nimmo, Thomas	3	5
McCaul, Robert	2	5	Nadeau, Jean	3	1
McFaul, Michael, sen	3	5	Noel, Hypolite	3	1
McLeod, Alexander	3	5	Newton, James	3	1
McKennon, A.	3	5	Neill, Andrew	2	1
McCarthy, Daniel	3	5	O		
McLeod, David	3	5	O'Niell, Thomas	3	5
McCracken, Jos. T.	3	5	O'Rielly, James	2	1
McDougall, James	3	5	O'Brien, Lawrence	2	1
McMaugh, Wm. J.	2	5	O'Rielly, Thomas	2	1
McQuade, Henry	3	5	P		
McCallum, John	2	5	Park, Joseph	2	5
McLean, David	2	5	Park, James M.	3	5
McSorley, Charles	3	5	Pirie, Alexander	2	5
McLeod, John N.	3	5	Parent, Isaac J.	3	5
McNabb, John	3	1	Pettigrew, George	2	5
McArthur, James, N. 2.	3	1			

STEAMBOAT Engineers' Examinations and Renewals, &c.—*Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class	Fee.
1884.		\$	1884.		\$
P			R		
Piché, George	3	5	Robitaille, Louis	3	5
Potvin, Jean Baptiste.....	3	5	Rennie, Robert	3	5
Paterson, Joseph	2	5	Ramsay, Alexander.....	2	5
Parker, William	3	5	Roy, François	3	5
Pierce, William.....	3	5	Rowe, Frank H.....	3	5
Perkins, Edward	3	5	Ritchie, William	3	5
Price, A. E.....	3	5	Robson, William.....	2	5
Paterson, John	1	5	Reynolds, George	3	5
Paquette, Jeremie.....	2	5	Revel, John.....	3	5
Purcell, John P.	3	1	Ryan, Thomas, jun.....	3	1
Piche, Ferdinand	2	1	Roy, Ludger	3	5
Paré, Joseph	3	1	Rouleau, Médéric	3	1
Pugh, Fred	2	5	Ross, John, No. 1.....	3	1
Paquin, Trefle	3	1	Rodman, Joseph.....	3	1
Piché, Napoleon	2	1	Roy, Alfred.....	3	1
Porter, Ernest John.....	1	5	Russel, James	3	1
Paul, Francis.....	3	1	Ritter, Arthur E.	3	1
Payne, Wash'n G.....	3	5	Ryan, J. W.....	3	1
Patterson, Robert.....	2	5	Racicot, Antoine	3	1
Q			Ross, John, No. 3.....	3	1
Quinn, Patrick	3	5	Robertson, John.....	3	1
Quig, Samuel.....	2	5	Reed, William	3	5
Quig, John	3	5	Rooney, William H.....	3	1
Quinn, Henry.....	3	1	Ross, John	1	5
Quinn, Michael.....	2	1	Rosseau, Elizé.....	3	1
R.			Robinson, John.....	3	1
Robertson, Charles	3	5	Reynolds, Jas. F.....	2	5
Racotte, Moses	3	5	S.		
			Smith, Fred. E.....	2	5

STEAMBOAT Engineers' Examinations and Renewals, &c.—*Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1884.		\$	1884.		\$
			T		
Stephen, David	2	5	Trotter, Wm. F.	3	5
Smith, Hanford	3	5	Thurston, Henry	2	5
Sangster, Charles	3	5	Taylor, Henry	3	5
Smith, Thomas	3	5	Thompson, George	3	5
Somerville, Samuel	3	5	Tate, James G.	2	5
Stevens James	3	5	Townsend, William	3	5
Salter, W. H.	2	5	Taylor, Joseph F.	1	5
Smith, William	3	5	Tanguay, Isidore	2	1
Snell, Robert	3	5	Thibodeau, Alexis	3	1
Stewart, James	3	5	Thompson, William	3	1
Sutherland, William	3	1	Tower, W. H.	3	1
Samson, Ernest	2	1	Thornton, John	3	1
Sims, J. C.	3	5	Thompson, J. H.	1	5
Steadworthy, Wm.	2	1	Tardie, Napoleon	3	1
Scott, Walter	2	1			
Smith, James Gray	3	1	V.		
Sheridan, Michael	3	1	Vreeland, David	2	5
Smiley, John	3	1	Van Bramer, James	3	1
Spinard, Jean Baptiste	3	1			
Stalker, Hugh	3	1	W.		
Samson, Odinée	3	1	White, John	3	5
Sullivan, Chas. A.	3	1	Walton, Thomas	3	5
Sullivan, J. W.	3	1	Warren, Augustus	2	5
Seguin, Jean Baptiste	2	1	Warner, Christopher	3	5
Smith, Wm. H.	3	1	Weir, Robert	3	5
St. Michael, August	3	5	Wells, Joseph	2	5
St. Michael, Charles	2	5	Whitty, D. T. K.	3	5
T.			Wilson, James	3	5
Turner, James	1	5	Walsh, William	1	5
Todd, William	3	5	Williamson, Andrew	3	5
			White, James L.	3	5

STEAMBOAT Engineers' Examinations and Renewals, &c.—Continued.

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1884.		\$	1884.		\$
W.			W.		
Wells, William	3	1	Wilcox, David.....	3	1
Webster, William.....	2	1	Waring, William Lee	1	5
Wadsworth, Thomas.....	2	1	Webster, Henry.....	3	5
White, Frank.....	3	5	Weir, Allan	3	1
Williamson, Charles	2	1	Warner, Archibald	1	5
Wilson, William	3	1	Wildar, Willard	2	1
Wilson, S. T.....	2	1	Wendt, John.....	3	5
Wells, Starr S.....	3	1	Walters, Arthur	1	5
Wool, Joseph.....	3	1			

STEAMBOAT Engineers' Examinations and Renewals, &c.—*Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
<i>Renewals during the Year 1884 for 1885</i>			1885.		
1885:			C		
A			Caswell, A. F.	3	1
Audette, Pierre.....	3	1	Coutois, John	3	1
Arcaud, John	1	5	Castonguay, E.	3	1
Allan, Harmon	2	1	Charland, Herménégilde	3	1
B			Champagne, E., sen.....	2	1
Belanger, Eugène.....	3	1	Carrick, John	2	1
Boufort, Xavier	3	1	Cunningham, W. H.....	2	1
Brennan, Owen.....	3	1	Cragen, James	2	1
Bolduc, Jean Baptiste.....	3	1	Charland, Pierre.....	3	1
Beaudoin, Napoleon.....	3	1	Caldwell, Angus	3	1
Belanger, Germain.....	3	1	D		
Boudoin, Luc.....	3	1	Dion, Michel	2	1
Belanger, Philias	3	1	Dunn, Robert.....	3	5
Blanchette, Deziré	3	1	Drysdale, Thomas.....	1	5
Beaudrean, Gilbert	3	1	Derocher, Louis.....	2	1
Brunette, Cyprien	3	1	Denison, John	3	1
Boucher, Alexander ..	3	1	Ducap, N.....	3	1
Bellefeuille, Leon.....	3	1	Denis, François.....	3	1
Bedard, Edward	2	5	Daly, William	2	1
Bellefeuille, Clovis.....	3	1	Dodds, John.....	2	1
Boucher, Paul.....	2	5	Devan, William.....	3	1
Boyd, George.....	3	1	E		
Battelle, Fred	3	1	Esdaile, John P.....	2	1
Brown, George, No. 1.....	3	1	Earle, Robert	3	1
C			Eraus, William B	2	1
Cloutier, Joseph	3	1	Estabrook, B. C.....	3	1
Clostin, Frederic	3	1	F		
Champagne, Joseph.....	3	1	Fugère, Narcisse.....	3	1
Catara, Emanuel	3	1	Frechette, William	2	1

STEAMBOAT Engineers' Examinations and Renewals, &c — *Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1885.		\$	1885		\$
F.			L.		
Frenette, Alphonse	2	1	Lafleur, Xavier.....	2	1
Flanagan, John.....	2	1	Lard, Joseph Gédéon.....	3	1
G.			Lapointe, Eusèbe	3	1
Garneau, Romuald.....	3	5	Laverdier, François.....	3	1
Gray, William	3	1	Lacroix, Jean Bpte	3	5
Germain, Solomon.....	3	1	Lemere, Peter	2	1
Gerard, Edward	2	1	La Vallée, Alfred.....	3	1
Gaity, Andrew	3	1	Lepine, Isidore	3	1
Gill, J. A	3	1	Littlebury, John.....	3	1
H.			Lalonde, Alphonse.....	3	1
Hamel, Constant	3	1	Leclere, Joseph.....	3	1
Hamilton, Gavin	2	5	Lacerte, Roderick.....	3	1
Haince, Ferdinand	3	1	M.		
Hallada, Robert	3	1	Morreau, Guillaume.....	2	1
Hamelin, Zépherin.....	3	1	Morreau, Louis	3	1
Hamelin, Hercules	3	1	Michauld, Achille.....	3	1
Hebert, Paul	3	1	Many, Edward.....	1	5
Hazlett, John.....	2	1	Mercier, Joseph.....	3	5
J.			Martin, Joseph.....	3	1
Julien, Ludger	3	1	Martin, Ernest.....	2	1
Johnson, George.....	3	1	Matte, John, sen.....	2	1
Johnson, William.....	3	1	Matte, John, jun	3	1
K.			Martineau, Joseph, sen.....	2	1
Kenny, Patrick	3	1	Martin, Pierre	3	1
Kilcawley, Patrick.....	3	1	Moublon, Eusèbe.....	3	1
L.			Munson, William H.....	3	1
Lamotte, Octave.....	3	1	Mussell, James.....	3	1
Latalipe, Michel.....	3	1	Marchand, Hilaire.....	3	1
			Murphy, Martin.....	2	5
			Morrison, Donald, No. 1.....	3	1

STEAMBOAT Engineers' Examinations and Renewals, &c.—*Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1885.			1885.		
M.		\$	P.		\$
Mowry, Justus	3	1	Pearce, William	2	5
Morrill, Thomas H.	3	1			
Miller, William	2	1	Q.		
Miller, John	2	1	Quian, Henry	3	1
Marchand, Adolphe	3	1	Quig, John	3	1
			Quigley, James	3	1
Mc.					
McMillan, William	2	5	R.		
McBride, Archibald	2	1	Ryan, Thomas	3	1
McBride, Robert	3	1	Roy, Alfred	3	1
McMaugh, A. W.	2	1	Rouleau, Médéric	3	1
McRobert, Alexander	2	1	Robitaille, Louis	3	1
			Robson, William	2	1
N.					
Nadeau, Jean	3	1	S.		
Noel, Hypolite	3	1	Samson, Arthur	3	5
Norval, Robert	2	1	Steadworthy, William	2	1
Neill, Andrew	2	1	Sheridan, Michael	3	1
Nisbet, John	2	1	Spinard, Jean Baptiste	3	1
			Sequin, Jean Baptiste	3	1
O.			Simmons, Thomas	3	1
Ouellette, François	3	1	Somerville, Francis	2	1
O'Neill, James	3	1	Sims, John Calius	3	1
O'Brien, Laurence	2	1	Samson, Odience	3	1
			Sutherland, David	2	1
P.			Stewart, James	3	1
Patrie, Bartholomie	3	1	Sullivan, William	3	1
Paré, Joseph	3	1	Sommerville, Samuel	3	1
Paquin, Treffe	3	1			
Piché, Napoleon	2	1			
Pete, Joseph	2	1	Tanguay, Isidore	2	1
Parker, William	3	1	Tardie, Napoleon	3	1

STEAMBOAT Engineers' Examinations and Renewals, &c—*Continued.*

Name of Engineer.	Class.	Fee.	Name of Engineer.	Class.	Fee.
1885.			1885.		
T.		\$	W.		\$
Thieriault, Francis, jun.....	3	1	Wells, William Firth.....	1	5
Todvin, Daniel.....	2	5	Welch, Warner.....	3	5
U.			Webster, Henry.....	3	1
Utter, William C.....	3	1	Wilson, William.....	3	1
W.			Wildar, Willard.....	2	1
Wells, William.....	3	1	Wheeler, Fred. E.....	3	5
			White, John.....	3	1

STEAM Vessels Inspected for the Year ended 31st December, 1884.

WEST ONTARIO, LAKES HURON AND SUPERIOR DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Niagara.....	23 72	Screw, freight.	A. Neff.....	13 20	do passenger.
Bruno.....	24 60	do do	Meteor.....	21 44	Paddle, tug.
L. Shickluna.....	30 04	do do	Enterprise.....	41 00	Screw, freight.
Cuba.....	45 24	do passenger.	J. W. Steinloff...	20 48	do do
Armenia.....	45 00	do do	Spartan.....	54 76	Paddle, passenger.
California.....	44 08	do do	Minnie Hall.....	9 20	Screw, tug.
W. M. Alderson..	12 88	do do	James Clark.....	6 92	do do
Nellie May.....	5 45	do fishing tug.	Fortune.....	16 32	do freight.
Tecumseh.....	38 60	do freight.	Athabasca.....	78 96	do passenger.
Pacific.....	44 72	do passenger.	Alberta.....	79 16	do do
Northern Belle...	28 52	do do	Algoma.....	78 96	do do
City of Owen Sound.....	51 72	do do	C. N. Pratt.....	17 84	do freight.
Atlantic.....	35 32	do do	S. R. Norcross...	5 44	do tug.
Othello.....	5 32	do fishing tug.	Minnie Kidd.....	5 72	do do
Mary Ann.....	8 48	do do	Myrtle.....	11 24	do passenger.
Annie Clark.....	7 00	do do	Jennie G. Harper	5 80	do tug.
Maganettawan....	18 76	do passenger.	John Harrison...	6 76	do do
Wanbaushene...	8 88	do tug.	T. R. Secord.....	5 56	do do
Marshall and Mur- ray.....	5 64	do do	Leslie.....	5 44	do do
Severn.....	6 76	do do	Warton Belle...	8 48	do fish boat.
Minnie Martin...	10 80	do do	Chas. Kellog.....	15 44	do tug.
H. L. Lovering...	7 20	do do	R. B. McPherson.	6 20	do do
Superior.....	8 54	do do	Nellie Cuthbert...	7 36	do passenger.
Campana.....	59 52	do passenger.	Mary Beck.....	5 63	do tug.
Magnet.....	49 16	Paddle do	Kate Pilgrim.....	5 45	do do
Africa.....	34 08	Screw do	Georgian.....	23 08	do freight.
Frances Smith....	60 96	Paddle do	Wm. Ross.....	5 56	do tug.
W. T. Robb.....	14 72	Screw, tug.	Flight.....	6 48	do do
			Carriella.....	6 40	do passenger.

STEAM Vessels Inspected for the Year, &c.—West Ontario, &c., Division—*Continued.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Victoria.....	7 56	Screw tug.	Como	8 00	Paddle, tug.
Queen of the Isles	5 40	do yacht.	W. A. Routh.....	7 08	Screw do
Cherokee	13 60	do passenger.	Mary	7 48	do do
Stella.....	10 64	do tug.	Sparrow.....	6 05	do do
Rock.....	5 56	do do	Interocean.....	13 76	do passenger.
Enterprise.....	13 92	do passenger.	Pioneer.....	5 44	do tug.
Ella Alice.....	5 28	Screw, yacht.	Glucas.....	6 12	do do
Tommy Wright..	5 48	do tug.	Fanny Arnold....	18 84	do do
Alice Brooks.....	5 68	do do	Lake Michigan....	35 72	do freight.
Phoenix	6 00	do do	Excelsior.....	6 36	do passenger.
Blanche Shelby..	5 80	do do	Mary Louise.....	.....	do do
Mandina.....	6 84	do yacht.	Sunbeam.....	5 16	do tug.
Agnes.....	5 64	do fishing tug.	Lothair.....	21 48	do freight.
Hawanaga.....	8 83	do tug.	Wales	19 00	do tug.
ender.....	6 20	do do	River Belle.....	.....	do yacht.
evern Belle.....	5 30	do do	H. Neelon	7 56	do tug.
elle	5 28	do fishing tug.	Erin.....	20 68	do freight.
Queen.....	5 28	do ferry.	Myra.....	7 92	do tug.
utton Belle.....	5 24	do passenger.	Energy.....	12 64	Steam barge.
Sabella.....	6 76	do tug.	Shamrock.....	5 52	Excursion boat.
ipissing.....	17 72	Paddle, passenger.	Ada E. Allen.....	11 80	Barge.
ntario.....	5 44	Screw, tug.	La Belle.....	8 00	do
ate Murray.....	5 12	do do	Bob Hackett.....	10 36	Tug.
enonah.....	15 16	Paddle, passenger.	City of Dresden...	15 76	Passenger steamer.
ennie Wilson....	5 28	Screw, tug.	A. H. Jennie.....	10 92	Tug.
osseau.....	7 12	do do	Esperanza.....	5 88	Yacht.
uskoka.....	8 96	do do	Saginaw.....	22 28	Car ferry.
enosha.....	15 64	do passenger.	Transit.....	50 32	do
ake Joseph.....	6 12	do tug.	Transfer.....	69 68	do
orthern.....	8 90	Paddle, passenger.	Lansdowne.....	70 80	do
orence.....	5 32	Screw, tug.	Sir S. L. Tilley...	52 08	Lake propeller.

STEAM Vessels Inspected for the Year, &c.—West Ontario, &c., Division—*Concluded.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
International	42 04	Car ferry.	Great Western....	51 20	Car ferry.
Huron.....	50 08	do	Watertown.....	18 68	Ferry.

NOT INSPECTED.

Dispatch.....	6 32	Fishing tug.	Jerôme		Tug.
Henry Smyth.....		do	Isaac May.....	54 64	Freight.
Heather Belle.....		do	Frank		do
Fanny		do	Lizzie		Tug.
Geo. Maytham....		do	Jessie		do
Toronto Belle.....	5 55	Tug.	G. H. Parker.....		do

W. J. MENEILLEY,
Steamboat Inspector.

STEAM Vessels Inspected for the year ended 31st December, 1884.

WESTERN ONTARIO DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ ct .			\$ cts.	
Scotia.....	33 16	Screw, freight.	Annie Craig.....	8 20	Screw, passenger.
Prussia.....	33 40	do passenger.	Armenia.....	12 40	do do
Myles.....	56 44	do freight.	Southern Belle....	25 12	Paddle do
Ontario, of Sarnia	52 16	do passenger.	Ada Alice.....	5 60	Screw, ferry.
United Empire....	86 44	do do	Rupert.....	28 48	Paddle, passenger.
Persia.....	38 28	do do	Punett Beyer.....	5 40	Screw, ferry.
Alma Munro.....	43 64	do do	John Hanlan.....	6 48	do do
St. Magnees.....	42 12	do do	Chicoutimi.....	12 40	Paddle, passenger.
City of Montreal.	34 08	do do	W. J. Taylor.....	5 36	Screw, pleasure yacht.
Lincoln.....	18 88	do freight.	Minden.....	5 16	do do
Clinton.....	22 20	do do	Dominion.....	5 24	do do
Ocean.....	33 64	do passenger.	Bruce.....	5 64	do tug.
Celtic.....	35 92	do do	W. J. Aiken.,	6 68	do do
Lake Ontario.....	35 00	do freight.	M. A. Laughlin..	5 92	do do
Clara Louise.....	5 80	do ferry.	Maggie.....	6 48	do do
Dominion.....	32 05	do freight.	Jane Armstrong..	6 80	do do
Canada.....	33 76	do passenger.	Joe Mac.....	6 72	do do
Luella.....	6 52	do ferry.	R. S. King.....	7 36	do do
Arlington.....	5 92	do do	Sam Perry.....	6 68	do do
Ontario, of King- ston.....	18 36	do passenger.	Golden City.....	6 40	do do
Geneva.....	8 88	do ferry.	Sylvester Knee- land.....	6 84	do do
Gipsey.....	21 00	Paddle, passenger.	Clara M. Carter...	6 20	do do
Clinora.....	45 24	do do	Albion.....	16 88	do freight.
Canadian.....	17 24	do ferry.	Sea Gull.....	7 05	do tug.
St. Jean Baptiste.	14 88	do do	E. Windsor.....	8 44	do freight.
J. L. McEdward...	5 88	Screw do	Ireland.....	9 20	do do
D. C. West.....	7 40	do do	Thames..	7 08	do do
Starling.....	5 48	do passenger.	Harry Sewell.....	6 00	do tug.
Alfred Wilson....	9 32	do do	W. F. McRae.....	6 84	do do
			Coral.....	9 76	do freight.

STEAM Vessels Inspected for the Year, &c.—West Ontario Division.—*Concluded.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
J. C. Clark.....	13 80	Screw, passenger.	James Buckley.....	5 40	Screw, passenger.
Hiawatha.....	14 48	do do	Walter P. Tribble	5 24	do tug.
Quebec.....	64 16	do do	Owen	9 12	do freight.
Byron Terice.....	18 72	do do	J. B. Stenmues ...	5 48	Paddle do
Myrtle.....	5 36	do tug.	Gordon Gautier...	5 84	Screw, tug.
Ruby.....	7 88	do passenger.	Ella Taylor.....	6 36	do do
Mary, of Port Stanley	5 16	do tug.	Admiral D.D. Por- ter	14 64	do do
W. H. Pringle....	15 24	do do	Essex	13 68	Paddle, ferry.
Hope.....	14 80	do ferry.	Edward Blake....	5 52	Screw, tug.
United Lumber- men.....	20 96	do freight.	C. J. G. Munro...	6 72	do do
A. T. Kelley.....	6 56	do tug.	M. R. Bennett.....	6 50	do do
Uncle John.....	5 28	do yacht.	General Wolseley	12 92	Paddle, passenger.
Beatrice	7 64	do tug.	Juanita	5 20	Screw, pleasure yacht.
Admiral.....	5 36	do do	Gem	{ 10 32 2 y'rs. }	do do
Kitty Haight	7 40	do do	S. O. Doty	6 04	do tug.
Sovereign	35 36	do passenger.	Minnehaha	6 28	do do
J. H. Doyle.....	5 68	do tug.	Ada	{ 20 48 4 y'rs. }	do pleasure yacht.
James Norris ..	6 88	do do	Daisy	5 00	do do
Inez.....	7 36	do do	Thistle	5 36	do tug.
M. R. Mitchell ...	6 04	do do	Mocking Bird.....	6 40	do do
Augusta.....	7 28	do do	Ann Long.....	6 80	do do
Victoria	8 52	do freight.	G. A. Ranney....	5 56	do do
Mazeppa	13 84	do passenger.	Louisa	5 25	do do
Como	8 00	Paddle, tug.	Alfred Dymont ...	6 20	do do
Maggie Mason	6 00	Screw, ferry.	Norah.....	6 24	do do
Frank Jackman...	6 56	do tug.	Magdalena	5 76	do do
Annie Watt	10 48	do passenger.	John Harris	7 68	do do
Hector	6 72	do tug.	Clara	5 32	do do
Mary	7 48	do do	rescue	5 68	do do

STEAM Vessels Inspected for the Year, &c.—West Ontario Division—*Continued.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Sea Flower.....	5 28	Screw, passenger.	R. F. Childs.....	5 20	Screw, pleasure yacht.
Geo. Douglas	6 63	do do	C. H. Merritt	12 88	do passenger.
Grace Darling....	6 04	do do	Ripple	5 80	do tug.

OLIVER P. ST. JOHN,
Steamboat Inspector.

STEAM Vessels Inspected for the Year ended 31st December, 1884.

EAST ONTARIO DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Maud.	19 72	Paddle, passenger.	Reliance	13 80	Screw, freight.
Pierepont ..	18 08	do do	Resolute.....	21 44	do do
D. R. Van Allen .	17 72	Screw, freight.	Pilgrim	5 76	do passenger.
Indian.....	17 80	do do	Lily.....	5 64	do tug.
McArthur.	11 76	do tug.	Freemason	9 20	Screw, freight.
Hero.....	20 24	Paddle, passenger.	Princess Louise...	12 60	do passenger.
Norseman.	39 32	do do	Empress of India.	31 16	Paddle do
Albert Wright....	6 16	Screw, tug.	Varuna.....	13 36	Screw do
D. D. Calvin.	35 00	do freight.	Utica.....	7 08	do do
Chieftain.....	22 40	Paddle, tug.	Juno	5 40	do yacht.
J. A. McDonald...	15 92	do do	Albani.....	7 32	do do
Traveller	13 32	do do	Chaffy.....	6 72	do passenger.
Hiram A. Calvin	17 00	ho do	Myrtle.....	5 36	do do
William Johnston	8 24	Screw, tug.	Ivy.....	5 28	do yacht.
Rambler.	7 36	do do	Topsy.....	5 04	do do
Nile.....	8 84	do freight.	Clipper.....	5 16	do do
H. F. Bronson....	10 48	do tug.	Eva	5 08	do do
Active.....	18 84	do do	Oriole.....	5 12	do do
Jessie Hall	7 28	do do	Blinkbonny.....	5 08	do do
D. G. Thomson...	12 40	do do	Lively.....	5 24	do passenger.
Glide.....	8 12	do do	Colonel By.....	5 36	do tug.
Metamora.	14 56	do do	Puritan.....	18 20	Paddle, passenger.
Alexandria	42 52	Paddle, passenger.	Ruby.....	5 08	Screw do
Reindeer.....	7 32	Screw do	Eliza Bonor	6 04	do tug.
Crusoe.....	6 72	do freight.	Mary Ethel.....	8 96	Paddle, passenger.
H. B. Sherwood...	6 44	do tug.	Omota	5 88	Screw, yacht.
Deseronto.	7 72	do passenger.	D. P. Dey.....	5 44	do tug.
Quinte.....	21 24	Paddle do	Water Lily.....	5 16	do yacht.

STEAM Vessels Inspected for the Year, &c.—East Ontario Division—*Continued.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Victor.....	5 08	Screw, yacht.	Ada Carter.....	6 00	Screw, tug.
Rothsay	41 56	Paddle, passenger.	Denis Bowen.....	6 28	do passenger.
Saxon.....	12 24	Screw, freight.	Annie Gilbert ...	5 80	do do
Bella Wilson	12 40	do do	Peerless.....	6 04	do tug.
Hastings.....	26 92	Paddle, passenger.	Grenada.....	7 28	do passenger.
G.....	5 12	Screw, passenger.	Princess Louise...	6 80	do do
Carlton.....	5 32	do yacht.	Eureka.....	7 32	do do
Pearl.....	5 20	do do	Ontario.	7 28	do tug.
Spray.....	5 16	do do	Gilbert.....	6 64	do do
Cathrine.....	5 60	do passenger.	H. C. Curtis.....	6 44	do do
Beaver	5 72	do do	Florence.....	5 24	do passenger.
Dora.....	5 80	do do	City of Bellville..	12 04	do passenger.
Isaac Butts	Not paid.	Condemned for passen'rs.	Transit.....	13 60	do do
Golden Eye.....	19 52	Paddle, passenger.	Oneida. . .	5 48	do yacht.
Whistle Wing ...	8 52	do do	Frank Perews....	6 72	do tug.
Cruiser.....	6 24	Screw, passenger.	Marquis of Lorne	5 80	do yacht.
Fairy.....	5 92	do do	Hiram Eaton	6 36	do tug.
Eva.....	6 34	do do	Ripple.....	5 64	do do
Tiger.....	5 08	do yacht.	Enterprise.....	7 40	Paddle, tug.
Mary Louise.....	5 60	do passenger.	Edmond.....	6 56	Screw, tug.
Mary Ellen	8 24	Paddle, tug.	M. P. Davis.....	5 44	do do
Waterwitch.....	5 36	Screw, passenger.	Esturion.....	12 72	Paddle, passenger.
Anglo Saxon	7 76	Paddle, tug.	Maple Leaf	6 04	Screw, passenger.
Ontario.	8 20	do	Dominion.....	6 96	Paddle, tug.
Bella Fair.....	5 26	Screw, tug.	Ada.....	16 52	Screw, passenger.
Stranger ...	6 12	do do	Pioneer.....	6 12	do freight,
Seaborn.....	5 36	do yacht.	Robert Anglin....	9 16	do do
Beaubocage.....	13 16	Paddle, passenger.	A. H. Jennie.....	10 92	do do
			Alaska.....	6 92	do passenger.

STEAM Vessels Inspected for the Year, &c.—East Ontario Division—*Continued.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Water Lily	Not employed.	Screw, freight.	Conqueror.....	Not employed.	Screw, tug.
Lily Nicholson..		do passenger.	Coboconk.		Paddle, tug.
H. M. Mixer.....		do tug.	Carlyle		Screw, freight.
F. A. Folger....		do do	City of Kingston		Paddle, passenger.
Sarah Daly.....		do do	Peterson Ferry.		do do
Eleanor.		do do	Bay of Quinté..		do tug.
Emma Munson.)		do do			

EDWARD ADAMS,
Steamboat Inspector.

STEAM Vessels Inspected for the Year ended 31st December, 1884.

MONTREAL DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
John R. Booth	10 28	Screw, tug.	F. B. Maxwell....	27 88	Paddle, passenger.
E. B. Eddy	8 12	do do	Star	22 64	do do
Canella.....	10 12	Paddle do	Shickluna	7 64	Screw, tug.
Peerless	49 56	do passenger.	Princess	31 16	Paddle, passenger.
Maude.....	15 76	do tug.	Filgate	18 52	do do
Elgin	9 32	Screw do	St. George	6 96	Screw, tug.
Swan	13 08	Paddle do	Windermere	6 40	do yacht.
Montarville	18 72	do passenger.	Gertie.....	5 68	do tug.
South Eastern	23 80	Screw do	Georgian	7 12	do do
Aurora	10 00	Paddle, tug.	Tim Doyle	5 80	do do
B. America	11 80	do do	Ivy	8 04	Paddle do
Elevator No. 10...	11 92	Grain elevator.	Mink	8 60	Screw do
do 7...	11 80	do	Welshman.....	10 72	do freight.
do 6...	11 80	do	Belmont.....	32 40	Paddle, passenger.
do 9...	11 88	do	Prince of Wales...	13 32	do do
Geo. A. Harris....	8 48	Screw, tug.	Elswood	6 10	Screw, tug.
Allan Gilmour....	7 44	do do	Humber	5 52	do do
Thousand Islands Rambler.....	5 80	do passenger.	Plover	6 72	do do
Dolphin	7 76	do tug.	J. K. Ward	5 92	do do
Elevator No. 12...	12 32	Grain elevator.	Zebra	6 20	
do 1...	8 32	do	Nasmith.....	6 96	
do 11...	11 76	do	S. S. Bonavista...	60 24	Screw, freight.
do 14...	12 52	do	New York.....	17 44	Paddle, tug.
Charlotte	7 36	Screw, passenger.	Resolute.....	6 20	Screw do
Laprairie	28 92	Paddle do	Longueuil.....	20 68	Paddle, passenger.
Weston.....	5 16	Screw, tug.	St. Lambert.	14 88	do do
Florence	7 48	do	Kate.....	5 92	Screw, tug.
Cariboo	9 56	do	Galumette.....	6 60	do do
Bohemian	53 52	Paddle, passenger.	Vermont.....	13 24	Paddle do

STEAM Vessels Inspected for the Year, &c.—Montreal Division—*Continued.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Prince Arthur. ...	33 40	Paddle, passenger.	Bonita	5 68	Screw, passenger.
Gatineau.....	10 32	Screw, freight.	Nymph	7 96	Paddle do
Champlain.....	12 80	Paddle, tug.	Manxman.....	7 96	do do
Empress.	12 00	do passenger.	Nil Desperandum.	6 08	do do
Swan.....	6 72	Screw, tug.	M. F. Logie.....	5 68	Screw, tug.
Dandy	6 84	do do	G. H. Notter.....	5 52	do do
Nosbousing..	6 00	do do	Albert.....	12 76	Paddle, passenger.
Empress	15 52	Paddle, passenger.	Owens.....	11 24	do tug.
Hiram Robinson..	7 44	Screw, tug.	Agnes McMahon.	8 28	Screw do
Walter B.....	6 12	do passenger.	Dagmar ...	21 20	Paddle, passenger.
Pembroke.	11 48	Paddle, tug.	Kern.....	9 84	Screw, freight.
C. O. Kelly.....	17 32	do do	C. Anderson.....	12 20	do passenger.
H. F. Bronson.....	7 88	Screw do	William	6 96	do tug.
Sir John Young..	16 28	Paddle do	Fanny	5 04	do
Maggie.....	7 28	do do	Artic.....	7 60	do
H. F. Baldwin. ...	12 08	Screw do	H. Bonniefaut		New registry not complete.
Lewis Young	8 00	do do	Percy	6 28	Screw, tug.
St. Anne.....	6 00	Screw, passenger.	Coburn	50 52	do freight, passeng'r
Monitor.....	18 32	Paddle, tug.	Cultivateur.....	14 08	Paddle, passenger.
G. B. Pattee.....	6 20	Screw do	Sir John.....	7 44	Screw, tug.
Chaudière.....	16 28	Paddle do	Cruiser.....	7 20	do yacht.
Castor.....	7 16	Screw do	Vester	5 56	do do
Aylmer.....	6 04	do passenger.	Rockland ..	8 12	do tug.
John Heney.	5 76	do tug.	Olive	16 52	do freight, passeng'r
Grenville.....	5 84	do do	New Port.....	5 48	do do do
Spray.....	6 68	do passenger.	Mountain Maid ...	12 72	Paddle, tug.
Geo. H. Millan....	5 44	do tug.	Lady of the Lake.	32 28	do passenger.
Agnes	6 16	do passenger.	Magog	7 64	do do
Eva	5 24	do do	Delta	38 48	Screw, freight.
Mouch-à-Feu.....	5 80	Paddle do	Elevator No. 13...	12 12	Grain elevator.

STEAM Vessels Inspected for the Year, &c.—Montreal Division—*Continued.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
levator No. 14...	12 24	Grain elevator.	Isle-au-Noix	5 56	Screw, passenger.
igaud	6 84	Screw, tug.	Bella	5 12	do yacht.
lert	5 20	do yacht.	Janet Craig	5 48	do passenger.
ulu	5 08	do do			

STEAM Vessels not Inspected for the Year, &c.—Montreal Division.

anitoba .....	.....	Paddle, passenger; re-built. Employed towing about 2 months.	Portneuf .....	.....	Paddle, passenger. Not employed.
ries .....	.....	Screw, tug. Not employed.	Herald .....	.....	Screw, freight. Not employed.
raftsman .....	.....	Paddle, tug. Not employed.	Edie May .....	.....	Screw, passenger. Employed; inspection not applied for.
Assumption .....	.....	Paddle, passenger. Not employed.			

Gross tons, 824. Registered tons, 479.

(Signed),

JOHN BURGESS,

Steamboat Inspector.

STEAM Vessels Inspected for the Year ended 31st December, 1884.

QUEBEC DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Polaris	29 32	Screw, winter ferry.	Abenakis.....	10 80	Centre-wheel, tug.
Hope	17 20	Side-wheel, tug.	Polaris	29 32	Screw, winter ferry.
St. Francis	7 20	Screw, tug.	Marie.....	6 20	do tug.
C. J. Bridges	6 56	do do	Miramichi	37 08	Paddle, passenger.
St. Peter.....	6 80	do do	Brothers.....	18 48	do do
St. John	7 20	do do	Robert Stoker....	5 56	Screw, tug.
St. Louis	6 36	do do	Maud.....	7 16	Paddle do
St. Paul.....	6 80	do do	Thor	17 88	do do
M. F. Pearsons....	6 80	do do	Belle.....	7 04	Screw do
John.....	13 12	Paddle do	Ste. Croix.....	25 80	Paddle, passenger.
John Young.	14 52	do do	Montmagny.	22 04	do do
Delisle.....	6 80	Screw do	Castor.....	8 72	do do
John Pratt.....	7 80	do do	Challenger.....	7 64	Screw, tug.
Palino	40 28	do freight.	St. Louis.....	25 12	Paddle, passenger.
Otter	16 76	do do	Arctic.....	14 12	Screw, winter ferry.
Terrebonne	32 04	Paddle, passenger.	North.....	23 16	Paddle, ferry.
Trois Rivières. ...	76 40	do do	South.....	18 20	do do
Mouche-à-Feu.....	16 56	do do	Etoile	30 40	do passenger.
Chambly.....	33 88	do do	Conqueror.....	14 32	do tug.
Sorel	14 32	do do	Diver	8 44	Screw, wrecking schr.
Montreal.....	96 44	do do	Aurelia	6 28	do tug.
Rivière du Loup..	14 92	do do	Azilda	5 96	do do
Canada.	88 36	do do	Cultivateur.	35 76	Paddle, passenger.
Rocket.....	31 60	do do	Canadien.....	5 00	Screw, pleasure yacht.
Corsican.....	56 12	do do	Lizzie	5 00	do do
Algerian.....	44 56	do do	City.....	7 08	Paddle, tug.
Ed. Arpin.	5 20	Screw do	Beaver.....	21 20	do do
Corinthian	50 48	Paddle do	William.	16 04	do do
Berthier.....	52 04	do do	Swallow	5 12	Screw do
Quebec.....	130 24	do do	Orleans.	15 24	do ferry.

STEAM Vessels Inspected for the Year, &c.—Quebec Division—*Continued.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees. paid	Remarks.
	\$ cts.			\$ cts.	
Union.....	35 48	Paddle, passenger.	Hope.....	5 60	Screw, tug.
Rhoda.....	12 28	do tug.	Josephine.....	9 64	Screw, wrecking sch'r.
Ida.....	5 80	Screw, do	Canada.....	14 36	Paddle, tug.
Florence.....	10 32	Screw, wrecking sch'r.	Rival.....	10 00	do do
Pilgrim.....	21 04	Paddle, passenger.	Hubert Larkin....	6 96	Screw do
Clyde.....	31 68	do do	Albion.....	11 84	Paddle, tug.
Lévis.....	14 24	Screw, ferry.	Boston.....	17 84	do do
J. W. Jones.....	6 48	do tug.	Dauntless.....	8 24	Screw do
Flora.....	7 00	do do	Acadian.....	42 24	do freight.
Margaret....	7 56	do do	Victory.....	7 24	do tug.
Victor.....	6 40	do do	Batiscan.....	6 60	Paddle, tug.
Anglesea.....	11 12	Paddle, tug.	St. Catherine.....	5 48	Screw do
J. N. G.	5 44	Screw do	Maggie L. King...	6 08	do do
Cover.....	6 68	do do	St. George.....	6 20	Paddle do
Sensation.....	5 60	do do	Lucie.....	6 00	Stern-wheel, tug.
Champion.....	12 40	do do	Pilot.....	25 04	Screw, winter ferry.
Amanda.....	5 44	do do	Patrick Murphy...	5 40	do tug.
Resolute.....	10 60	do do	Vega.....	13 28	do ferry.
Ourgeois.....	14 80	Paddle, ferry.	Mersey.....	7 40	do tug.
aval.....	8 60	do do	Randolf.....	5 64	do do
ake.....	10 80	Screw, tug.	Star of the Sea ...	5 32	do do
ay Flower.....	5 22	do do	Honkey Dorey....	5 40	do do
anus.....	10 08	Paddle, tug.	Admiral.....	28 32	Paddle, passenger.
ctivity.....	5 60	Screw, do	Contest.....	17 24	do do
R. Soother.....	5 44	do do	St. James.....	8 64	Screw, tug.
airy.....	5 64	do do	Com. Hollowell..	5 36	do do
ohanna B.....	5 68	do do	Saguenay.....	51 08	Paddle, passenger.
ioneer.....	12 04	Paddle, do	Betsiamits.....	7 00	do tug.
uckoo.....	5 24	Screw do	Stormy Petrel. ...	5 41	Screw do
assport.....	49 32	Paddle, passenger.	Lady Dufferin ...	5 20	do do
orel Boy.....	5 60	Screw, tug.			

JOS. SAMSON, *Steamboat Inspector.*

STATEMENT of Steam Vessels not inspected, for the Year ended 31st December, 1884
QUEBEC DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Bienvenu		Paddle, pass., not running	St. Maurice.....		Paddle, tug, not running
Bee.....		do tug do	St. Antoine.....		do pass. do
Charlotte.....		Screw, tug do	Hercules.....		do tug do
Cap Blanc Boy....		do do do	Arthur.....		do do do
Eugenie.....		Paddle, pass. do	La Tuque.....		do do do
Eclipse.....		do tug do	Maid of Orleans...		do pass. do
Gatineau		do do do	Mattawin.....		Screw, freight do
Helene		do do do	Nepigon		do do do
Hero		do do do	Powerful		Paddle, tug do
Shannon		Screw, tug do	Ninie.....		Screw, pleasure do
St. Lawrence.....		Paddle, pass. do	Ranger.....		Paddle, tug do
Scotchman.....		do tug do	St. Charles.....		do do do
St. Andrew.....		do do do	Maid of Canada...		do pass. do
Samson.....		do do do	Abyssinian		do do do
Tiger.....		do do do			

Of the 150 steam vessels above mentioned, 29 have not been inspected, nor been fitted up, and fees not paid last season, the most of them being tug-boats; due from the decrease of the number of sailing vessels, which is caused from the freight being carried by ocean steamers, which left nothing for them to do.

JOS. SAMSON,

Steamboat Inspector.

STEAM Vessels Inspected for the Year ended 31st December, 1884.

MARITIME PROVINCES DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
Norman.....	6 84	Screw, tug.	St. Patrick	7 08	Screw, freight.
Freddie V.	6 04	do do	Derby.....	5 44	Paddle do
St. John.....	6 88	do do	Winnie.....	5 48	Screw, tug.
Hercules.....	8 48	do do	Dragon.....	10 44	Paddle do
General.....	11 36	Paddle do	Daisy.....	5 40	Screw do
Captain.....	7 72	do do	Winnie.....	5 12	do do
Quiddy.....	6 20	do do	Gipsy.....	5 68	do do
Ada G.....	9 08	do do	Meta.....	5 20	do do
Lillie G.....	13 36	do do	Henry Aitken.....	6 52	do do
Richard Doane ...	7 80	Screw do	Arrow.....	5 40	do do
Admiral	11 32	Paddle do	E. M. Cates.....	7 32	do do
Marina.....	6 28	Screw do	Annie.....	5 52	do do
Islet.....	5 20	do freight.	Wm. Stroud.	14 16	do do
Island Gem.....	5 64	do do	Zaidee.....	5 72	do do
Carrie.....	5 56	do do	Dolphin.....	7 88	Paddle do
Tiger.....	9 20	do do	Utopia.....	5 64	Screw do
St. D. Hunter	7 68	do do	Gladiator.	7 80	do do
Scotia.....	6 68	do do	Derigo.....	7 80	do do
Alida.....	7 56	do do	Merrimac.....	8 40	do do
Eva Johnson.....	5 76	do do	Annie Stuart.....	6 44	do do
Lillie.....	7 84	do do	Mayflower	5 72	do do
Lincoln.....	8 48	do do	St. George.....	11 40	do do
St. George.....	6 48	do do	St. Andrew.....	8 04	do do
Tiger.....	7 40	do do	St. Michael.....	6 56	do do
Bismark.....	6 96	do do	Mable Freeman ...	6 04	do do
Kephias	6 84	do do	Norwegian.....	16 12	Screw, passenger ferry.
New City.....	8 12	do do	Alpha.....	20 24	do do
Melbourne.....	5 20	do do	Geo. Shattuck....	22 48	do do
Loyalist.....	5 72	do do	Mayflower.....	.....	Dominion Steamer.
Champion.....	12 60	Paddle do	Secret.....	26 68	Paddle, passenger.

STEAM Vessels Inspected for the Year, &c.—Maritime Provinces Division—*Con.*

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Starr.....	26 44	Paddle, passenger.	Empress.....	45 16	Paddle, passenger.
Soulanges.	20 72	do do	Maggie Noble.....	5 52	Screw, ferry.
Arcadia.....	6 48	do do	Douglas	7 04	Paddle do
Heather Belle.....	19 28	do do	Dominion	30 96	Screw, passenger.
Summerside	22 40	Screw, passenger.	Southport	8 00	Paddle, ferry.
Princess of Wales	45 44	Paddle do	Wellington	15 20	do passenger.
Elfin	12 88	do ferry.	St. Lawrence.....	41 80	do do
Beaver	13 84	Screw, passenger.	Montague	13 20	do ferry.
May Queen	29 56	Paddle do	Marion	27 12	do passenger.
Novelty	6 68	Screw do	Lady of Lake.....	7 44	do ferry.
Enterprise.....	7 88	Paddle, ferry.	Rimouski.....	12 96	do do
Edgar Stuart	17 84	Screw, passenger.	Neptune.....	13 52	do passenger.
Hiawatha.	17 20	do do	Glendon	15 68	Screw, freight.
Pinafore	6 04	do ferry.	May Queen	13 68	Paddle, passenger.
Joe Edwards	6 40	do do	Yuba.....	5 48	Screw, ferry.
M. A. Starr.....	17 88	do passenger.	Richmond	6 80	Paddle do
Micmac	14 00	Paddle, ferry.	St. Pierre.....	27 84	Screw, passenger.
Chebucto.....	12 32	do do	Northern Light..	.....	Dominion steamer.
Sir C. Ogle.....	13 04	do do	F. C. Zatte.....	6 32	Screw, tug.
Evangeline	8 12	do do	Henry Hoover....	6 72	do do
Florenceville	15 40	Stern-wheel, passenger.	Gambrinus	6 12	do freight.
Forest Queen	12 60	Paddle, ferry.	Goliath.	8 68	do tug.
Sarah H.....	8 24	do do	Bessie & Harry....	5 88	do do
Ripple.....	6 12	Screw do	Robt. Burns	8 56	do do
Lady Dufferin.....	6 88	Paddle do	Highland Mary...	7 96	do freight.
Laura	5 56	do do	Mascot	5 92	do do
Andover	15 40	Stern-wheel, passenger.	Ouangondy.....	19 76	Paddle, passenger.
Sybella H.....	7 80	Paddle, ferry.	Neptune.....	7 08	Screw, tug.
Fawn.....	32 84	do passenger.			

WM. M. SMITH,
Steamboat Inspector.

STEAM Vessels Inspected for the Year ended 31st December, 1884.
MANITOBA, KEEWATIN AND NORTH-WEST DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts.			\$ cts.	
Victoria.....	5 92	Screw, freight and pass.	Colville.....	14 56	Screw, tug.
Lady Ellen.....	5 76	Screw, tug.	North Star.....	.....	Barge.
Baroness	17 80	Stern-paddle, tug.	Princess.....	29 24	Stern-paddle, pass. & fr'gt
Alberta.....	11 00	do do	Ogema.....	7 48	Screw, tug.
Minnow.....	5 80	pleasure yacht.	Marquis	22 12	Stern-paddle, pass. & fr'gt
Salty Jack.....	6 80	Screw, tug.	North-West.....	25 00	do do
Siskiwit.....	6 30	Screw, tug, dispatch en- gineers, C.P.R.	Northcote.....	26 44	do do
The Brothers.....	.....	Fishing boat.	Manitoba.	24 34	do do
The City of Mount Clemens.....	7 70	Screw, tug.	Cheyenne.....	13 44	do freight.
Hattie Vinton....	7 20	do do	Argyle	33 34	Screw, pass. and freight.
E. M. Foster.....	13 52	do freight and pass.	Butcher's Boy....	16 56	do do
Silver Spray.....	13 20	do tug.	A. Neff.....	.....	do tug.
Algoma.....	8 96	do do	Houghton	7 08	do do
Caldwell.....	.....	Barge.	Kincardine.....	15 28	do freight.
The Queen.....	6 28	Screw, tug.	Fleetwing .....	.....	do tug.
Victoria.....	13 20	do do	Grahame	21 28	Stern-paddle, freight.
Caro	5 16	do do	Kathleen. ....	.....	Screw, pleasure.
D. L. Mather.....	9 12	do do	NOT INSPECTED.		
Thistle	5 95	do do	Ida.....	.....	Screw, pleasure.
N. Mosher.....	6 32	do do	Nautilus .....	.....	do do
Fort Francis.....	.....	Barge.	Mary Hatch.....	9 00	Paddle, tug.
Dryberry	10 96	Screw, tug.	May Queen	5 32	Screw, tug.
Cruiser.....	5 48	do do	Saskatchewan ...	.....	Paddle, tug.
Percy Sutherland	8 00	do do	Sir Hector.....	.....	Government tug.
Couchiching .....	.....	do do	Boat on Water Hen River .....	.....	do do
Glendrevon.....	11 84	do do	Alpha.....	.....	Stern-paddle, freight.
Marquette	22 16	Stern-paddle, freight.			

EDMUND R. ABELL,
Steamboat Inspector, Manitoba, Keewatin and N.W.T.

STEAM Vessels Inspected for the year ended 31st December, 1884.
BRITISH COLUMBIA DIVISION.

Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.	Name of Vessel.	Tonnage Dues and Inspection Fees paid.	Remarks.
	\$ cts			\$ cts.	
Beaver.....	14 36	Tug, paddle.	Iris	5 80	Screw, tug.
Maud.....	8 00	Passenger.	Sardonyx.....	38 24	do freight.
Grace.....	8 32	Screw, freight.	Naumselle.....	5 25	Paddle, yacht.
Buzz.....	5 32	do tug.	Mermaid.....	7 64	do tug.
K. de K.....	7 44	Paddle, ferry.	Neillie Taylor	5 24	Screw, ferry.
Belle.....	12 64	Screw, tug.	Elevator.....	5 96	Water boat.
R. Dunsmuir	22 24	Paddle, freight.	Lillie.....	6 32	do
Skidegate.....	6 48	Screw, fishing.	Hyack.....	6 36	do
Otter.....	19 56	do freight.	Thornton.....	11 25	Screw, freight.
Western Slope....	49 28	Stern-wheel, freight.	Anna Beck.....	12 32	do do
Etta White.....	13 92	Screw, tug.	Woodside.....	7 00	do do
Adelaide.....	14 04	Stern-wheel, freight.	Evangeline	6 56	do mission yacht
Peerless.....	20 32	do passenger.	Eva.....	7 28	do fishing.
Spratt's Ark.....	38 80	Screw, fishing.	Alice.....	7 16	Paddle, ferry.
Nellie.....	5 12	do tug.	Princess Louise...	62 84	do passenger.
Amelia.....	25 24	Paddle, passenger.	Barb'ra Boscowitz	20 00	Screw, freight.
Spallumchula....	7 20	do freight.	Teaser.....	19 12	do passenger.
Lady Dufferin....	12 40	do do	Glad Tidings.....	6 72	do gospel steamer.
W. Irving	37 52	Stern-wheel, passenger.	R. P. Rithet.....	56 64	Stern-wheel, passenger.
Reliance.....	20 56	do do	Westminster.	5 73	Screw, tug.
Gem.....	7 40	do freight.	Pilot.....	15 32	do do
Saanich....	7 64	do do	Emma.....	6 40	do fishing.
Gipsy.....	7 00	do tug.	Princess Louise...	11 32	do do
Enterprise.....	31 24	Paddle, passenger.	Joe Adams	5 48	do not inspected.
Yosemite	138 00	do do	Myra.....	8 24	Stern-wheel, not insp'd.
Alexander	21 24	do tug.	Skuzzy.....	20 80	do do
Dolphin.....	12 64	Screw, freight.	Gertrude	20 16	do do
Leonora	6 32	do tug.	Hope.....	8 12	Screw, tug.
Senator	6 12	do ferry.	Rustler.....	6 50	Paddle, pile-driver.

Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

WEST ONTARIO, HURON AND SUPERIOR DIVISIONS.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and how Employed.
Agnes.....	9-63	Screw.....	Wood ..	23-22	15-79	Meaford, 1884.....	Georgian Bay, fishing tug.
Sparrow.....	7-71	do	do ..	25-23	17-06	Lake Nipissing, 1883.....	Lake Nipissing, tug.
Excelsior.....	9-63	do	do ..	34-62	23-55	Baysville, 1884.....	Lake of Bays, passenger.
Mary Louise.....	9-13	do	do ..	63-60	43-27	do	do do
Sunbeam.....	0-80	do	do ..	3-53	2-41	Port Sandfield, 1884.....	Lakes Joseph and Rosseau, tug.
River Belle.....	1-75	do	do ..	Not registered.		.....	Toronto Harbour, yacht.
Myra.....	31-89	do	do ..	73-21	36-94	St. Catharines, 1884.....	The Lakes, tug.
Lansdowne.....	318-64	Paddle	Iron.....	1,571 00	907-81	Wyandotte, U.S., 1884.....	Detroit and Windsor railway ferry.
Energy.....	18-60	Screw.....	Wood ..	116-45	70-00	Wallaceburg, 1884.....	Detroit and St. Clair Rivers, freight.
Shamrock.....	3-00	do	do ..	43-00	29-00	Hamilton, 1884	Burlington Bay, excursion boat.
Sir L. Tilley.....	116-26	do	Composite	1,177-77	767-15	St. Catharines, 1884.....	The Lakes, freight and passenger.
Florence.....	2-94	do	Wood ..	8-42	5-72	Huntsville, 1884.....	Mary and Fairy Lakes, tug.
Arthasasca.....	160-35	do	Steel.....	1,773 65	1,147 94	Glasgow, G.B., 1883.....	Owen Sound and Port Arthur, passenger.
Alberta.....	160-35	do	do	1,779-33	1,155-46	Whitnash, G.B., 1883.....	do do do
Algoma.....	160-35	do	do	1,773-42	1,153-46	Kelvinghaugh, G.B., 1883	do do do
Wm. M. Alderson.....	15-42	do	Wood ..	121-90	98-20	Port Burwell, 1884.....	North Shore of Lake Erie, passenger.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year, &c. — West Ontario, Huron and Superior Division—*Continued.*

Name of Vessel.	Horse-power.	Class.	Wood or Iron	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and how Employed.
Nellie May	2-10	Screw.....	Wood ..	11-30	8-80	Port Burwell, 1884.....	Fishing tug, Port Bruce, Lake Erie.
Anne O'lark	17-97	do	do ..	50-71	34-49	Collingwood, 1884.....	do Georgian Bay.
John Harrison	17-97	do	do ..	43-61	29-66	Owen Sound.....	Tug, Owen Sound.
Chas Kelly	39-84	do	do ..	261-03	177-51	Chicago, U.S., 1862.....	Tug, wrecking on Lakes.
Queen of the Isles.....	2-70	do	do ..	9-59	6-52	Sodus, U.S., 1873.....	Yacht, Orillia.
Elia Alice	1-86	do	do ..	7-27	4-94	Barrie, 1884	do Barrie.
Blandina.....	5-77	do	do ..	46-39	31-55	Bronte, 1884.....	do Hamilton.

W. J. MENEILLEY,
Steamboat Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

WEST ONTARIO, HURON AND SUPERIOR DIVISIONS.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and How Employed.
John Hanlan	7-72	Screw	Wood ...	36 96	25-13	Port Dalhousie, Ont.....	Ferry steamer, Toronto Bay.
*W. H. Pringle.....	69-46	do	do ...	256-28	174-28	Saginaw, U.S.....	Wrecking tug on upper lakes.
United Lumbermen.....	46 16	do	do ...	398 91	268-66	Dresden, Ont.....	Lumber barge do
Inez.....	31-26	do	do ...	59 10	34-45	Welland, Ont.....	Tug on Welland canal.
41Mazeppa.....	13-11	do	do ...	145-59	87-17	Toronto, Ont.....	Excursion steamer, Toronto.
Annie Watt.....	13-77	do	do ...	61-82	42-04	Lion's Head, Ont.....	Passenger steamer, Georgian Bay.
Owen.....	24-32	do	do ...	102 84	87-51	Chatham, Ont.....	Freight barge, Lakes Erie and Huron.
Gordon Gautier.....	9-19	do	do ...	20-84	14-16	Wallaceburgh, Ont.....	Fishing tug, Lake Huron.
Edward Blake	7-15	do	do ...	12-60	8-76	Port Robinson, Ont.....	Tug, Welland Canal.
General Wolsely.....	30-02	Paddle.....	do ...	122-85	70-25	Oakville, Ont.....	Excursion steamer, Lake Ontario.
Juanita.....	1-19	Screw	do ...	4-89	3-39	Hamilton, Ont.....	Pleasure yacht, Waubesaunene.
Grace Darling	6-36	do	do ...	26-48	18-00	Wallaceburgh, Ont.....	Tug, Sydenham River.
Ripple.....	3-84	do	do ...	19 62	13-34	Chatham, Ont.....	Tug, Thames River.
				1268-78	817-14		

OLIVER P. ST. JOHN,
Steamboat Inspector.

*Name changed by permission of Department to "International" since inspection.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

EAST ONTARIO DIVISION.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and How Employed.
Raindeer.....	9-00	Screw	Wood ..	58-29	33-53	Kingston	Passenger, Bay of Quinte.
Ivy	3-56	do	do ...	7-43	5-30	Brockville.....	Steam yacht, River St. Lawrence.
"G"	0-75	do	do ...	2-98	2-03	Kingston.....	Passenger do
Gilbert.....	35-22	do	do ...	40-82	28-03	Cardinal.....	Tug do
Esturion.....	31-39	Paddle.....	do ...	117-87	80-16	Bobcaygeon.....	Passenger, Lindsay Waters.
Maple Leaf.....	3-84	Screw.....	do ...	26-08	17-74	Lindsay.....	do do
Dominion	20-00	Paddle	do ...	45-88	28-91	do	Tug do
Ida	9-54	Screw	do ...	213-27	131-28	Desoronto	Passenger, Rideau Canal.
Alaska	12-00	do	do ...	48-74	35-71	Buffalo	do River St. Lawrence.
	125-30			561-36	362-69		

EDWARD ADAMS,
Steamboat Inspector.

and Horse-power ; whether of Wood or Iron ; their Gross and Registered Tonnage ; where Built, and where and how Employed.

MONTREAL DIVISION.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and How Employed.
SS. Bonavista.....	160·00	Screw	Iron.....	1,306	836	Newcastle, England	Montreal and St. John's, Nfld., freight and passenger.
Nosbonsing.....	6·00	do	Wood ...	25	19	Callander	On Lake Nosbonsing, towing.
H. Bonnefant	4·00	Centre-wheel	do ...	Reg. not compld.		.....	Ferry at Bout de Lisle.
43 Crusier	18·00	Screw	do ...	55	24	Brockville	Pleasure yacht.
Vesta	3·00	do	do ...	14	7	Ottawa	do
Alert	2·00	do	do ...	5	2	Not known	do
Lulu	0·05	do	do ...	2	1	do	do
L'Isle aux Noix	4·00	do	do ...	14	7	St. John's	About St. John's, carrying passengers.
Bella	2·00	do	do ...	3	2	Not known	Pleasure yacht.
Janet Craig.....	5·00	do	do ...	12	6	Bristol	Bristol & Sand Point, carrying passengers.
	204·05			1,436	904		

JOHN BURGESS,
Steamboat Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

QUEBEC DIVISION.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and How Employed.
Polaris	100·86	Screw ..	Wood ..	533	336	Lévis, 1883	Ferry passenger, winter and summer, Lévis and Quebec.
Pilot	59 03	do	do ..	427	269	do 1884	Winter ferry, Quebec and Lévis
Vega	17·06	do	do ..	132	83	do 1884	Passenger, Lake and Gulf
Pilgrim	30·97	Side-wheel ..	do ..	336	206	St. Nicholas, 1884	do St. Nicholas and Quebec.
	209·23			1,428	694		

JOS. SAMSON,
Steamboat Inspector.

STATEMENT of the Number of Steam vessels added to the Dominion during the year ended 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

MARITIME PROVINCES DIVISION.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and how Employed.
Arcadia.....	10	Passenger	Wood ..	62	41	Yarmouth, N.S., 1884.....	Yarmouth, Westport and Cape Island, N.S.
Island Gem.....	3.25	Freight.....	do ..	16	10	do do	Fishing and freight, Cape Island, N.S.
Carrie.	3	do	do ..	14	7	do do	do do
Sibella H.....	20	Ferry	do ..	70	47	Chatham, N.B., 1884.....	Ferry at Chatham, Miramichi River, N.B.
5 Melburne.....	2	Yacht and tug.....	do ..	5	3	Chatham, N.B., 1882	Tug and yacht, St. John Harbour and River, N.B.
Meta.....	4	do	do ..	5	1	Gondola Point, N.B., 1884.	Private yacht and tug, St. John Riv., N.B.
Mayflower.....	4.05	Tug.....	do ..	18	10	Halifax, N.S., 1884.....	Screw, tug, Halifax Harbour, N.S.
St. Pierre.....	94	Passenger	do ..	476	275	Yarmouth, N.S., 1884.	do passenger, Halifax, Sydney and St. Pierre.
St. Michael	16	Tug.....	do ..	39	26	Chatham, N.B.....	do tug, Chatham, N.B.
Zaidee.....	5	do	do ..	18	12	Dartmouth, N.S.	do do and water boat, Sydney, C.B.
Summerside.....	50	Passenger	Iron.....	360	228	Great Britain.....	Passenger and freight, Prince Edward Island, Nova Scotia and New Brunswick
Mable Freeman.	5	Tug.....	Wood ..	24	15	Yarmouth, N.S.....	Screw, tug, Lockeport, N.S.
Lansdowne	75.25	Dominion Steamer....	do ..	680	.....	Maccan, N.S., 1884.....	do steamer, Dom. Gov. Lighthouse and Fog Alarm Supply Service.

W.M. SMITH,

Deputy Chairman, Board of Steamboat Inspection.

C. R. COKER,

Dominion Inspector of Hulls.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

MANITOBA AND KEEWATIN DIVISION.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and how Employed.
Thistle.....	1-41	Screw, tug.....	Wood ..	23-33	13-86	Fort Francis.....	Tug, on Lake of the Woods.
Graham.....	27-84	Stern-paddle	do ..	332-18	220-04	Fort Chipewyan.....	Ports and places on the Athabasca, Peace and Slave Rivers.
Marquis.....	83-74	do	do ..	753-76	474-87	Winnipeg, Man.....	Passenger and freight, on North Saskatchewan.
Baroness.....	49-08	do	do ..	320-04	201-63	South Saskatchewan, N.W.T.	Tug and freight, on South Saskatchewan.
46 Alberta.....	30-30	do	do ..	150-07	85-72	do ..	do ..
Minnow.....	5-79	do	do ..	20-05	15-27	do ..	Pleasure yacht.
Saskatchewan.....	39-72	Paddle.....	do ..	336-84	212-21	Westbourne, Man.....	Tug, on Lake Manitoba.
Fleetwing.....	3-77	Screw	do ..	40-40	27-48	Big Forks, Rainy River, Keewatin.	Tug, on Lake of the Woods.
Butcher's Boy.....	17-74	do	do ..	214-06	145-93	Rebault, Port Arthur.....	Freight, on north shore of Lake Superior.
Houghton.....	19-17	do	do ..	51-84	30-58	Sault St. Marie.....	Tug .. do

EDMUND R. ABELL,

Steamboat Inspector.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended the 31st December, 1884; their Class and Horse-power; whether of Wood or Iron; their Gross and Registered Tonnage; where Built, and where and how Employed.

BRITISH COLUMBIA DIVISION.

Name of Vessel.	Horse-power.	Class.	Wood or Iron.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and how Employed.
Belle.....	12·00	Screw.....	Wood...	66·62	45·30	New Westminster.....	Towing, coast of British Columbia.
Saanich.....	6·00	Stern-wheel.....	do ..	65·92	34·98	Victoria.....	Freight, Saanich and Victoria.
Mermaid.....	26·00	Paddle.....	do ..	66·25	44·00	do	Towing, Burrard Inlet, B.C.....
Amelia.....	50·00	do	do ..	430·97	222·08	San Francisco, U.S.	Freight and pass., Victoria and Nanaimo.
Hope.....	4·07	Screw.....	do ..	78·49	48·00	Seattle, U.S.....	Towing, coast of British Columbia.
Teaser.....	13·00	Twin-screw.....	do ..	152·64	98·05	Victoria.....	Freight and pass., Vict. and Fraser River.
Glad Tidings.....	3·13	Screw.....	do ..	43·02	27·15	New Westminster.....	Missionary steamer, British Columbia.
Gipsy.....	0·74	Stern-wheel.....	do ..	49·63	31·28	do	Towing, Fraser River, do
Naunselle.....	0·05	Paddle.....	do ..	6·50	4·00	Fraser River.....	Private yacht.
Rustler.....	2·05	do	do ..	39·65	25·00	do	Pile-driving, Fraser River, B.C.

EDWARD S. VIGOR,
Steamboat Inspector.

STATEMENT of Steam Vessels lost, broken up, or laid up, as unfit for service, in the Dominion, during the Year ended 31st December, 1884; and where and how Employed.

WEST ONTARIO, HURON AND SUPERIOR DIVISION.

Name of Vessel.	Where and how Employed.	Name of Vessel.	Where and how Employed.
Fortune.....	The Lakes, freight.	Jerome.....	Sydenhan River, tug.
Victoria.....	St. Clair River, freight.	Niagara.....	Welland Canal do
City of Guelph.....	Lake Puslinch, passenger.	Comet.....	Georgian Bay do
Europe.	The Lakes, passenger.	Helena.....	Lake of Bays do
Princess of Wales.	Toronto Harbour, passenger.		

EAST ONTARIO DIVISION.

Prince Edward. ...	On Bay of Quinté, as ferry between Belleville and Rosmore; was burned.	Wren.....	On River St. Lawrence, as a tug; past service.
Victoria..	On Lindsay waters, carrying passengers; was burned.	Adventure.....	On Rideau Canal, as a freight boat; machinery taken out and converted into a tow barge.
Maple Leaf.....	On Lindsay waters, as a tug; past service.	H. B. Sherwood....	On Bay of Quinté, as a tug; was burned.

MONTREAL DIVISION.

Ripple	Pembroke to Alouette Island, passengers.	John Egan.....	Pembroke and Joachim, towing and passengers.
Jessie Cassels.....	On De Chene Lake, passengers.	Fawn	Montreal and Ottawa, towing.
Milford.....	St. Lawrence and Ottawa River, towing.	Canada.....	do do do
Carolina.....	Montreal and Ottawa, freight.		

QUEBEC DIVISION.

Saguenay	Paddle, passenger, Quebec to Saguenay.	C. W. Jones.....	Screw, tug, Quebec Harbour.
Samson	Paddle, tug, Quebec.	Abyssinian	Paddle, passenger, Quebec and Montreal.
Laurentide.....	Paddle, passenger, Quebec to St. Nicholas.	Maid of Canada....	Paddle, passenger, Montreal and Laprairie.
South	Paddle, ferry, Quebec and Levis		

STATEMENT of Steam Vessels lost, broken up, or laid up, as unfit for service, in the Dominion, &c.—*Concluded.*

MARITIME PROVINCES DIVISION.

Name of Vessel.	Where and How Employed.	Name of Vessel.	Where and how Employed.
Teaser.....	Ferry, Chatham, N.B.	Maggie Noble.....	Ferry, Rothesay, N.B.
Victor.....	Tug, St. John, N.B.		

MANITOBA, KEEWATIN AND NORTH-WEST DIVISION.

ennie S.....	Lake of the Woods.	Lily.....	On the Saskatchewan River.
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BRITISH COLUMBIA DIVISION.

laude.....	Passenger and freight.	Maggie.....	Towing, Burrard Inlet.
Wilson G. Hunt...	Passenger and freight.	Ruby.....	Passenger and freight.

APPENDIX No. 2.

LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels by the Department of Marine, from 26th December, 1883, to 31st December, 1884.

SERVICE.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1883.					\$ cts
1	Dec. 26...	Charles Harper.....	Master, fore and aft, coasting.	Portland, N.B.....	St John.....	4 0
2	do 26...	William Gale.....	do ...	do	do	4 0
3	do 26...	George F. Glass.....	do ...	St. John, N.B.....	do	4 0
4	do 26...	Richard Evans.....	do ...	do	do	4 0
5	do 26...	Chas. W. Starkey.....	do ...	Portland, N.B.....	do	4 0
6	do 26...	Peter McIntyre.....	do ...	do	do	4 0
7	do 26...	Henry Horatio Lawson...	do ...	St. John, N.B.....	do	4 0
8	do 26...	W. Wallace Sommerville	do ...	Springfield, N.B....	do	4 0
9	do 28...	Edwin Shalor Holder.....	do ...	Portland, N.B.....	do	4 0
10	do 28...	Noah Hanson Urquhart...	do ...	do	do	4 0
11	do 28...	William A. Harvey	do ...	Cheverie, N.S.....	Halifax.....	4 0
12	do 28...	Gilbert Dexter.....	do ...	do	do	4 0
13	do 28...	Henry Franklin Bissett...	do ...	St. Peter's, C.B....	do	4 0
14	do 28...	Etienne Deveau.	do ...	Saulnierville, N.S.	Yarmouth.....	4 0
15	do 28...	Vincent Gabriel Comeau	do ...	Meteghan, N.S.....	do	4 0
16	do 28...	Geo. Ward German.....	do ...	do	do	4 0
17	do 31...	Walter Ludlow McLean.	do ...	Portland, N.B.....	St. John.....	4 0
18	do 31...	Robert Gale.....	do ...	do	do	4 0
19	do 31...	Rod. Alonzo Cameron....	do ...	do	do	4 0
20	do 31...	Edw. Caldwell Elkin.....	do ...	St. John, N.B.....	do	4 0
21	do 31...	Peter D'Eon	do ...	Pubnico, N.S.....	Yarmouth.....	4 0
22	do 31...	Jno. Alex. Stuart.....	Mate, fore and aft, coasting.	Church Point, N.S.	do	2 0

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1883.					\$ cts.
23	Dec. 31...	Whitman Giffin	Master, fore and aft, coasting.	Isaac's Harbor, N.S.	Halifax.	4 00
24	do 31...	Isaac Willington Bagnell	do	Sydney, C.B.	do	4 00
25	do 31...	James Young	do	Lunenburg, N.S.	do	4 00
26	do 31...	Thomas Townsend	do	Louisburg, N.S.	do	4 00
27	do 31...	Lauchlin McDonald	do	Framboise, C.B.	do	4 00
28	do 31...	James Conrad	do	Park's Creek, La-Have, N.S.	do	4 00
29	do 31...	Nathan Hiltz	do	Mahone Bay, N.S.	do	4 00
30	do 31...	George Cripps	do	St. John, N.B.	St. John	4 00
31	do 31...	Chas. Wm. Peck	do	Carleton, St. John, N.B.	St. John	4 00
32	do 31...	Robt. Henry Seely	do	do	do	4 00
33	do 31...	Chas. Foster	do	St. John, N.B.	do	4 00
34	do 31...	Geo. Norman Cleaveland	do	Margaretsville, N.S.	Halifax	4 00
35	do 31...	Jas. E. Brown	do	Barrington, N.S.	do	4 00
36	do 31...	Parker Nichols	Mate, fore and aft, coasting.	Portland, N.B.	St. John	2 00
37	Jan. 7...	Jno. Lawrence Mowry	Master, fore and aft, coasting.	do	do	4 00
38	do 7...	Stephen Albert Durant	do	St. John, N.B.	do	4 00
39	do 7...	Cæsar Doucett	do	Tusket Wedge, N.S.	Yarmouth	4 00
40	do 9...	Wm. Hamlyn	do	Lancaster, N.B.	St. John	4 00
41	do 15...	Lemuel Horton	do	Margaretsville, N.S.	Halifax	4 00
42	do 15...	Thos. G. Starkey	do	Portland, N.B.	St. John	4 00
43	do 15...	Wm. Blake Knox	do	St. John, N.B.	do	4 00
44	do 15...	Thos. Allan Williams	do	Westfield, N.B.	do	4 00
45	do 15...	Geo. Wm. Erb	do	Portland, N.B.	do	4 00
46	do 15...	Alonzo Allan McLean	do	St. John, N.B.	St. John	4 00
47	do 15...	Wm. Alfred Goodwin	do	Argyle, N.S.	Yarmouth	4 00
48	do 15...	Jno. Constant Deveau	Mate, fore and aft, coasting.	Meteghan River, N.S.	do	2 00
49	do 15...	Nicholas Surrette	Master, square rig.	do	do	4 00
50	do 15...	Thos. German	do	do	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—Continued.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts
51	Jan. 17...	William O'Leary.....	Master, fore and aft, coasting.	West Quoddy, N.S.	Halifax	4 00
52	do 19...	Theophilus H. Creasor...	do	LaHave, Lunenburg Co., N.S.	do	4 00
53	do 19...	James A. Romkey.....	do	Ritcey's Cove, N.S.	do	4 00
54	do 19...	Reuben Romkey	do	LaHave, N.S.	do	4 00
55	do 19...	Edward Crossley	do	Mount Denson, N.S.	do	4 00
56	do 19...	Edward Bonnell	do	Halifax, N.S.	do	4 00
57	do 19...	Francis Haley	do	St. John, N.B.	St. John.....	4 00
58	do 19...	Frank Gould Gough	do	Harvey, N.B.	do	4 00
59	do 19...	Wm. Thos. Bailey	do	West Dublin, N.S.	Halifax	4 00
60	do 19...	David Weston	Master, steamship, in the coasting.	Portland, N.B.	St. John.. ..	4 00
61	do 21...	Jno. Edw. Tutty.....	Mate, fore and aft, coasting.	Louisburg, N.S.	Halifax	2 00
62	do 21...	Saml. Jas. Hingley	Master, fore and aft, coasting.	Port Hillford, N.S.	do	4 00
63	do 21...	James H. Rood.....	Master, steamship.	do	do	4 00
64	do 21...	John Edw. Lohnes.....	Master, fore and aft.	Middle LaHave, N.S.	do	4 00
65	do 21...	James H. Creasor, jun ...	do	LaHave, N.S.	do	4 00
66	do 23...	Hugh McLean	Master, steamship...	Charlottetown P.E.I.	Charlottetown	4 00
67	do 23...	Richard Wells Suttis.....	Mate, steamship....	Halifax, N.S.	Halifax	2 00
68	do 23...	Eben Crosby	Master, fore and aft.	Kelley's Cove, N.S.	Yarmouth	4 00
69	do 23...	Jas. Wm. Geldert.	do	Lunenburg, N.S.	Halifax	4 00
70	do 23...	Jas. Henry Shankle.....	do	Middle LaHave, N.S.	do	4 00
71	do 23...	Jas. Wm. Lohnes.	do	LaHave, N.S.	do	4 00
72	do 25...	Henry Sylvester Seely....	do	Parish Lancaster, N.B.	St. John	4 00
73	do 25...	Alexander Corbett.....	do	Londonderry, N.S.	do	4 00
74	do 25...	George Edgar Finley.....	do	Portland, N.B.	do	4 00
75	do 25...	Fred. Raymond Fowler...	do	do	do	4 00
76	do 25...	Edw. Warren Brown.....	do	Greenwich, N.B. ...	St. John.....	4 00
77	do 25...	George Edward Stevens.	do	Carleton, N.B.	do	4 00
78	do 29...	Reuben Ritcey.....	do	Ritcey's Cove, N.S.	Halifax	4 00
79	do 29...	Jno. Daniel Lohnes.....	do	do	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
80	Jan. 29...	Isaac Porter	Master, square rig, coasting.	Tusket Wedge, N.S.	Yarmouth	4 00
81	do 29...	Jas. Alfred Loye	Master, fore and aft, coasting.	Lunenburg, N.S.	Halifax,	4 00
82	do 29...	Wm. Somerville Rawding	do	... Canada Creek, N.S.	do	4 00
83	do 29...	Hugh Norman Murray...	do	... Cape George, C.B.	do	4 00
84	do 29...	Neil Campbell	Master, square rig, coasting.	Halifax, N.S.	do	4 00
85	do 30...	Christian Geldert	Master, fore and aft, coasting.	Lunenburg, N.S.	do	4 00
86	do 30...	Jas. Wm. Westhaver	do	... Mahone Bay, N.S.	do	4 00
87	do 30...	Chas. Ingram McBride...	do	... Harborville, N.S.	do	4 00
88	do 30...	George Hall	do	... Lunenburg, N.S.	do	4 00
89	do 31...	Wm. Hamm	do	... do	do	4 00
90	do 31...	Elias Walter	do	... do	do	4 00
91	do 31...	Joseph Ormiston	do	... Gabarus, C.B.	do	4 00
92	do 31...	Chas. Ormiston	do	... do	do	4 00
93	do 31...	Edward Naugle	do	... Lunenburg, N.S.	do	4 00
94	do 31...	David McLarren Spinney	do	... Lower Argyle, N.S.	Yarmouth	4 00
95	do 31...	Saml. Richardson Giffin.	do	... Isaac's Harbor, N.S.	Halifax	4 00
96	do 31...	Rufus Mossman	do	... Kingsburg, N.S.	do	4 00
97	do 31...	John McDonald	do	... Big Bras d'Or, C.B.	do	4 00
98	Feb. 1...	Wm. Nathaniel Jost	do	... Lunenburg, N.S.	do	4 00
99	do 1...	Samuel Cupples	Master, square rig, coasting.	Canning, N.S.	do	4 00
00	do 1...	Geo. Myra	Master, fore and aft, coasting.	Lunenburg, N.S.	do	4 00
01	do 1...	Kenneth Holland	do	... do	do	4 00
02	do 1...	Lemuel Smith	do	... Lower LaHave, N.S.	do	4 00
03	do 1...	Daniel Zink	do	... Lunenburg, N.S.	do	4 00
04	do 1...	Wm. Miller	do	... do	do	4 00
05	do 5...	Neil Saml. Townsend	Master, square rig, coasting.	Louisburg, C.B.	do	4 00
06	do 5...	Stephen Oxner	Master, fore and aft, coasting.	La Have, N.S.	do	4 00
07	do 5...	Jos. Martin Ritcey	do	... Ritcey's Cove, N.S.	do	4 00
08	do 5...	Simeon Ritcey	do	... do	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts
109	Feb. 5...	Alex. Eissenhauer.....	Master, fore and aft, coasting.	Lunenburg, N.S....	Halifax.....	4 0
110	do 5...	Thomas Romkey.....	do	Lower LaHave, N.S.	do	4 0
111	do 5...	Hiram Hayward.....	do	West Dublin, N.S.	do	4 0
112	do 5...	John Gault Murray.....	do	Halifax, N.S.....	do	4 0
113	do 6...	Jas. Campbell McDonald	do	Baddeck, C.B.....	do	4 0
114	do 6...	John Henry Mosher..	do	Halifax, N.S.....	do	4 0
115	do 6...	Jos. Nelson Parks.....	do	Petit Rivière, N.S.	do	4 0
116	do 6...	Thos. Ken. Smith Doane	Master, square rig, coasting.	Hebron, N.S.....	Yarmouth	4 0
117	do 6...	Nathan Goodwin.....	Master, fore and aft, coasting.	Lower Argyle, N.S.	do	4 0
118	do 6...	Thos. Andrew Card.....	Master, square rig, coasting	Somerville, N.S....	Halifax.....	4 0
119	do 9...	Patrick Mullagan.....	Master, fore and aft, coasting.	Salmon River, N.B.	St. John.....	4 0
120	do 9...	James Louis Driscoll....	do	Carleton, N.B.....	do	4 0
121	do 9...	Geo. Rufus McDonough..	do	St. Martin's, N.B...	do	4 0
122	do 9...	Robt. Martin Mehaffey....	do	Rockport, N.B.....	do	4 0
123	do 9...	Geo. Guilford Seely.....	do	St. John, N.B.....	do	4 0
124	do 9...	Danl. Callaghan Quinlen	do	Carleton, N.B.....	do	4 0
125	do 9...	Alex. Angus McIntyre....	do	Portland, N.B.....	do	4 0
126	do 9...	Thomas Alfred French...	do	do	do	4 0
127	do 9...	Jno. Melven Watson.....	do	Carleton, N.B.....	do	4 0
128	do 11...	Wm. Phalen	do	Little Glace Bay, C.B.	Sydney.....	4 0
129	do 11...	Edw. Moore.....	do	North Sydney, C.B.	do	4 0
130	do 11...	Wm. Hayes.....	do	Sydney, C.B.....	do	4 0
131	do 11...	Enoch Cann.....	do	Louisburg, C.B....	do	4 0
132	do 11...	Lorenzo Archibald.....	do	North Sydney, C.B.	do	4 0
133	do 11...	Wm. Henry Townsend ...	do	Louisburg, C.B....	do	4 0
134	do 11...	Chas. Wilcox.....	do	Cow Bay, C.B.....	do	4 0
135	do 12...	Geo. Harris Robson.....	do	Carleton, N.B.....	St. John.....	4 0
136	do 12...	Abrm. Thompson Watters	do	Portland, N.B.....	do	4 0
137	do 12...	Geo. Albert Whelpley....	do	do	do	4 0

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
138	Feb. 12...	Raymond Foster	Master, fore and aft, coasting.	Carleton, N.B.	St. John	4 00
139	do 12...	Hiram D. Farris	do	Portland, N.B.	do	4 00
140	do 12...	Chas. Albert Belyea	do	Kingston, N.B.	do	4 00
141	do 12...	Wm. Henderson	do	Portland, N.B.	do	4 00
142	do 12...	Geo. Miller Branscombe..	do	St. John, N.B.	do	4 00
143	do 12...	Wm. Henry Worden	Steamship, in the minor inland waters, master.	do	do	4 00
144	do 13...	Robt. Robertson Blauvelt	Master, steamship, coasting	Tusket Village, N.S.	do	4 00
145	do 13...	Henry Adolphus Carleton	Master, fore and aft, coasting.	Carleton, N.B.	do	4 00
146	do 13...	Samuel Ambrose	do	St. John, N.B.	do	4 00
147	do 13...	Wm. Alford Demings	do	Portland, N.B.	do	4 00
148	do 13...	Robt. Maloney	do	St. Andrew's, N.B.	do	4 00
149	do 13...	Wm. Cleaveland	do	Alma, N.B.	do	4 00
150	do 13...	Danl. Jos. Getson	do	Getson's Cove, N.S.	Halifax	4 00
151	do 14...	Jas. Wm. Walters	do	La Have, N.S.	do	4 00
152	do 14...	Charles Smith	do	Lunenburg, N.S.	do	4 00
153	do 14...	Geo. Winfield Newcomb.	do	Parrsboro', N.S.	do	4 00
154	do 14...	Luther Cleveland Martin	do	Hopewell, N.B.	St. John	4 00
155	do 14...	John Boyd	Master, steamboat, coasting.	St. Stephen, N.B.	do	4 00
156	do 16...	Jacob B. Sarty	Master, fore and aft, coasting.	La Have, N.S.	Halifax	4 00
157	do 16...	Chas. Wm. Mason	do	Lunenburg, N.S.	do	4 00
158	do 16...	Isaac Fraser Heckman ...	do	Rose Bay, Lunenburg Co., N.S.	do	4 00
159	do 16...	John Ormiston	Master, square rig, coasting.	Gabarus, C.B.	do	4 00
160	do 14...	Norman Fredk. Oxner	Master, fore and aft, coasting.	Conquerall Bank, La Have, N.S.	do	4 00
161	do 19...	Wm. Archlues Purdy	do	St. John, N.B.	St. John	4 00
162	do 19...	David Tufts	do	Carleton, N.B.	do	4 00
163	do 19...	Jonathan Noel	do	North Sydney, C.B.	Halifax	4 00
164	do 19...	Reuben David Heisler	Master, square rig, coasting.	Lunenburg, N.S.	do	4 00
165	do 19...	Thos. Alfred Cook	Master, fore and aft, coasting.	Ritcey's Cove, N.S.	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
166	Feb. 19...	Eli Ritcey.....	Master, fore and aft, coasting.	Ritcey's Cove, N.S.	Halifax.....	4 00
167	do 19...	Wm. Lewis Ross.....	do ..	Upper Port Latour, N.S.	do	4 00
168	do 20...	Wm. Romkey.....	do ..	West Dublin, N.S.	do	4 00
169	do 20...	Geo. Albert Smith.....	do ..	West Ferry, N.S...	do	4 00
170	do 20...	Wm. Sarty	do ..	Pleasantville, N.S.	do	4 00
171	do 20...	Leonard Dunphy.....	Master, st'r., minor inland lakes.	Portland, N.B.	St. John.....	4 00
172	do 20...	G. Laidlow Estabrook...	do ..	Indiantown, N.B...	do	4 00
173	do 20...	Jno. C. Farris	do ..	Portland, St. John, N.B.	do	4 00
174	do 21...	Wm. Akerly	Master, fore and aft, coasting.	do ..	do	4 00
175	do 21...	Patrick Keefe.....	do ..	Carleton, St. John, N.B.	do	4 00
176	do 21...	Samuel S. Day.....	do ..	City Road, St. John, N.B.	do	4 00
177	do 21...	And. Porter Carlton....	do ..	Carleton, N.B.....	do	4 00
178	do 21...	Andrew McWha.....	do ..	St. Stephen, N.B...	do	4 00
179	do 21...	G. Wellington Harrington	do ..	Portland, N.B.	do	4 00
180	do 21...	M. Obadiah Lohnes.....	do ..	Ritcey's Cove, N.S.	Halifax.....	4 00
181	do 21...	David Ritcey.....	do ..	do ..	do	4 00
182	do 21...	Jas. Martin Lohnes.....	do ..	do ..	do	4 00
183	do 21...	Rupert Jos. Anthony.....	do ..	Bear River, N.S....	do	4 00
184	do 22...	Wm. Morash.....	do ..	Lunenburg, N.S...	Lunenburg....	4 00
185	do 22...	Chas. Loye.....	do ..	do ..	do	4 00
186	do 22...	Jacob Corkum.....	do ..	Middle LaHave, N.S.	do	4 00
187	do 22...	Lemuel U. Publicover...	do ..	Lower Dublin, N.S.	do	4 00
188	do 22...	Jas. W. Hanlin.....	do ..	Port Medway, N.S.	do	4 00
189	do 22...	Peter Smith McDougall...	do ..	St. George, N.B....	St. John	4 00
190	do 22...	Wm. Jas. Hurder.....	do ..	Portland, N.B.....	do	4 00
191	do 22...	Geo. Benjamin Hurder...	do ..	do ..	do	4 00
192	do 22...	Andrew Stewart.....	do ..	Hillsboro', N.B.....	do	4 00
193	do 22...	Robt. Henry Fleming....	Master, steamship, coasting.	St. John, N.B.....	do	4 00

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
1884.					\$ cts.
Feb. 23...	Isaac Corkum.....	Master, fore and aft, coasting.	Middle La Have, N.S.	Lunenburg....	4 00
do 23...	Henry A. Shupe.....	do	Lunenburg, N.S....	do	4 00
do 23...	Michael Gerhardt	do	Middle La Have, N.S.	do	4 00
do 23...	S. Leander Publicover ...	do	Lower Dublin, N.S.	do	4 00
do 23...	George W. Nass.....	do	Lunenburg, N.S....	do	4 00
do 23...	Wm. C. Smith.....	do	do	do	4 00
do 23...	John Hall	do	do	do	4 00
do 23...	Bernard Smith.....	do	do	do	4 00
do 23...	John Zink	do	do	do	4 00
do 23...	James Kinley	do	do	do	4 00
do 25...	George Geldert.....	do	La Have, N.S.....	do	4 00
do 25...	James S. Ross	do	Bridgewater, N.S.	do	4 00
do 25...	Wm. Francis Durant.....	do	Parrsboro', N.S....	Halifax	4 00
do 25...	David Amasa Huntley....	do	do	do	4 00
do 25...	Robt. Arnold Hatfield....	do	Brookville, N.S....	do	4 00
do 25...	Ebenezer Kerr	do	Fox River, N.S.....	do	4 00
do 25...	Elmer Hatfield.....	Mate, fore and aft, coasting.	Brookville, N.S....	do	2 00
do 25...	Oscar Adelbert Follett...	do	do	Halifax	2 00
do 25...	Everett Moore	Master, fore and aft, coasting.	Parrsboro', N.S....	do	4 00
do 25...	Robert Moore.....	do	North Sydney, C.B.	Sydney	4 00
do 25...	Patrick Slattery Young..	Master, square rig.	Lingan, C.B.....	do	4 00
do 25...	John Pope.....	Master, fore and aft.	Main-à-Dieu, C.B..	do	4 00
do 25...	Alex. McDonald	do and also square rigged vessel	Sydney, C.B.....	do	4 00
do 26...	Jno. Wesley Milbury.....	Master, square rig.	Bear River, N.S....	Halifax.....	4 00
do 26...	Simon Giffin.....	Master, fore and aft.	Louis Head, N.S....	do	4 00
do 26...	Jas. Willigar	do	Parrsboro', N.S....	do	4 00
do 26...	David Edgar Merriam....	do	do	do	4 00
do 26...	Lorenzo Giovannetti.....	do	Cow Bay, C.B.....	Sydney.....	4 00
do 26...	Benjamin Geo. Anderson	do	Lunenburg, N.S....	Lunenburg	4 00

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No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee
	1884					\$ ct
223	Feb. 26...	Abraham Smith.....	Master, fore and aft, coasting.	Lunenburg, N.S....	Lunenburg	4 0
224	do 26...	Wm. Robert Dauphinie...	do ...	do ...	do	4 0
225	do 26...	Chas. Ed. Smeltzer.....	do ...	do ...	do ...	4 0
226	do 26...	Rich. Heckman.....	Mate, fore and aft, coasting.	Heckman's Island, N.S.	do	2 0
227	do 26...	Adam Selig ...	Master, fore and aft, coasting.	Vogler's Cove, N.S.	do	4 0
228	do 26...	John McKeon	Mate, steamer, great inland waters.	Toronto, Ont.....	Toronto	2 0
229	do 26...	Jas. Jackman.	Master, fore and aft, inland waters.	do	do	4 0
230	do 26...	Jas. Taylor	do ...	do	do	4 0
231	do 26...	Jas. Dick	Master, steamship, inland waters.	do	do	4 0
232	do 29...	Pat'k Jos. McSherry	do ...	do	do	4 0
233	do 29...	Wm. Francis Light	Master, fore and aft, inland waters.	Port Burwell, Ont.	do	4 0
234	do 29...	John Joyce	do ...	Bronté, Ont.....	do	4 0
235	do 29...	John Moon.....	Mate, fore and aft, inland waters.	Riverside, Ont.....	do	2 0
236	do 29...	Frank Brennan	Master, fore and aft, inland waters.	Toronto, Ont.....	do	4 0
237	do 29...	Alex'r Savage	Mate, steamship, inland waters.	do	do	2 0
238	do 29...	Frank Conlin.....	Master, fore and aft, inland waters.	do	do	4 0
239	do 29...	Geo. Washingt'n Moulton	do ...	Oakville, Ont.....	do	4 0
240	do 29...	Neil Finlayson.....	do ...	Burlington, Ont....	do	4 0
241	do 29...	Archibald Irvine.....	Mate, fore and aft, inland waters.	Hamilton, Ont.....	do	2 0
242	do 29...	Geo. J. W. Stockwell ...	Master, fore and aft, inland waters.	North Toronto, Ont	do	4 0
243	do 29...	Jas. Wallace Johnson ...	do ...	Hamilton, Ont.....	do	4 0
244	do 29...	Michael Kelly.....	do ...	Toronto, Ont.....	do	4 0
245	do 29...	Walter Henry Morden ...	Master, steamer, inland waters	do	do	4 0
246	do 29...	John McFarlane	Master, fore and aft, inland waters.	do	do	4 0
247	do 29...	Jas. Richardson	Mate, steamer, inland waters.	do	do	2 0
248	do 29...	Jno. McHarg Donaldson	Master, st'r, minor inland waters.	do	do	4 0
249	do 29...	Henry Stanley B. Donaldson.	do ...	do	do	4 0
250	do 29...	John Alward	Master, fore and aft, inland waters.	do	do	4 0
251	do 29...	Thos. Bell Armstrong	do ...	Hamilton, Ont.....	do	4 0

List of Certificates of Competency and Service granted to Masters and Mates of
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No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
252	March 1...	Thos. Estus Harbottle...	Mate, steamer, great inland waters.	Toronto, Ont.	Toronto	2 00
253	do 1...	Jas. McKnight.....	Mate, fore and aft. inland waters.	Oakville, Ont.	do	2 00
254	do 1...	Jas. McAllan, jun.	do ...	Whitby, Ont.	do	2 00
255	do 1...	James Alfred Gould	Mate, steamer, great inland lakes.	Toronto, Ont.	do	2 00
256	do 1...	Frank Jackman	Master, str., minor inland waters.	do	do	4 00
257	do 1...	Wm. Frederick McGiffin.	Mate, str., great inland waters.	Oakville, Ont.	do	2 00
258	do 1...	Wm. Andrew Parkinson.	Master, str., great inland waters.	Toronto, Ont.	do	4 00
259	do 1...	Thos. Jennings	Master, str., minor inland waters.	do	do	4 00
260	do 1...	James McSherry	Mate, fore and aft, inland waters.	do	do	2 00
261	do 1...	Thos. Wm. Jackman.....	Master, str., minor inland waters.	do	do	4 00
262	do 1...	Donald Taylor.....	Master, str., great inland waters.	Sorel, Que	do	4 00
263	do 1...	Geo. Wm. Murchison ...	Master, str., minor inland waters.	Toronto, Ont.	do	4 00
264	do 1...	Jas. Maloney	Mate, fore and aft, inland waters.	do	do	2 00
265	do 1...	Hugh Kelly.....	do ...	do	do	2 00
266	do 1...	Evan Thomas.....	Master, fore and aft, inland waters	Highland Creek, Ont.	do	4 00
267	do 1...	Jas. Thos. Greenaway...	Mate, fore and aft, inland waters.	Hamilton, Ont.	do	2 00
268	do 1...	Martin Mahoney	Master, fore and aft, inland waters.	do	do	4 00
269	do 1...	Jas. Quinn.....	Master, str., minor inland waters.	Toronto, Ont.	do	4 00
270	do 1...	Archibald McDonald	Mate, str., inland waters.	Bronte, Ont.	do	2 00
271	do 1...	Wm. J. Coolahan	Master, fore and aft, inland waters.	Toronto, Ont.	do	4 00
272	do 3...	Wm. Hetherington	do ...	do	do	4 00
273	do 3...	Edward Quinn.....	Mate, fore and aft, inland waters	Oakville, Ont.	do	2 00
274	do 3...	Wm. Osborn	Master, fore and aft, inland waters.	Burlington, Ont.	do	4 00
275	do 3...	Sutherland McKay	do ...	North Toronto, Ont	do	4 00
276	do 3...	Alexander Ure.....	do ...	Dunbarton, Ont.	do	4 00
277	do 3...	Duncan Pike	Mate, fore and aft, inland waters.	Toronto, Ont.	do	2 00
278	do 3...	Wm. Wallace Donaldson.	Master, str., inland waters.	do	do	4 00
279	do 3...	Henry Wm. Jackman.....	Master, fore and aft, inland waters.	do	do	4 00

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No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts
280	March 3...	Hugh McKay	Mate, fore and aft, inland waters.	Toronto, Ont.	Toronto	2 00
281	do 3...	Wm. Donaldson.....	Master, str., inland waters.	do	do	4 00
282	do 3...	Clarence Jas. McCuaig .	do ...	do	do	4 00
283	do 3...	Geo. Delorey	Master, fore and aft, coasting.	Tracadie, N.S.	do	4 00
284	do 3...	Lorenzo D. Curry	do ...	Port Williams, N.B.	do	4 00
285	do 3...	Wm. Henry Amos.....	do ...	Carleton, St. John, N.B.	do	4 00
286	do 3...	Leonard Tower.....	do ...	Rockport, N.B.	St. John.....	4 00
287	do 3...	Lewis Holmes.....	do ...	Beaver Harbour, N.B.	do	4 00
288	do 3...	Wm. Edward Parsons...	do ...	Port Greville, N.S.	Halifax.....	4 00
289	do 3...	Freeman Halfield	Mate, fore and aft, coasting.	do ...	do	2 00
290	do 3...	John Keating	Master, str., coasting.	Guysboro, N.S.	do	4 00
291	do 3...	Thos. David Cook	Master, square rig, coasting.	Halifax, N.S.	do	4 00
292	do 4...	Andrew Thompson.....	Master, str., and fore and aft, inland waters.	Toronto, Ont.	Toronto ..	4 00
293	do 4...	John O. Donnell.....	Master, str., inland waters.	Penetanguishene, Ont.	do	4 00
294	do 4...	Dugald Taylor	do ...	Toronto, Ont.	do	4 00
295	do 4...	Jas. Morgan	Master, str., and fore and aft, inland waters.	do	do	4 00
296	do 4...	Jas. Feide.....	Master, str., minor inland waters.	Orillia, Ont.	do	4 00
297	do 4...	John Trowell	Master, str., inland waters.	Kingston, Ont.	do	4 00
298	do 4...	Wm Barrett.....	Master, fore and aft, inland waters.	Port Stanley, Ont.	do	4 00
299	do 4...	John Andrew	Master, fore and aft, inland waters; and Master, str., minor inland waters.	Oakville, Ont.	do	4 00
300	do 4...	James Wilson.....	Master, fore and aft, inland waters.	Bronte, Ont.	do	4 00
301	do 4...	John Emmons	do ...	Toronto, Ont.	do	4 00
302	do 4...	Duncan Sinclair	Master, str., inland waters.	do	do	4 00
303	do 4...	Geo. Walter Rose.....	Master, str., minor inland waters.	Gravenhurst, Ont.	do	4 00
304	do 4...	John Henry.....	do ...	Bracebridge, Ont...	do	4 00
305	do 4...	Alfred Deuton	do ...	Huntsville, Ont...	do	4 00

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	1884.					\$ cts.
306	Mar. 4...	Geo. Farewell	Master, fore and aft, inland waters.	Oshawa, Ont.....	Toronto	4 00
307	do 4...	Richard Curphey.	do	Riverside, Ont.....	do	4 00
308	do 4...	Fredk. Geo. Boothman...	do	Hamilton, Ont.....	do	4 00
309	do 4...	Adam M. Sharpe	Master, str., inland waters.	Burlington, Ont...	do	4 00
310	do 4...	Thos. Hinton.....	Master, fore and aft, inland waters.	Oakville, Ont.....	do	4 00
311	do 4...	Robt. Hunter.....	Mate, fore and aft, inland waters.	Toronto, Ont.....	do	2 00
312	do 5...	Jno. Sinclair Allan	Master, fore and aft, inland waters.	Port Dover, Ont...	do	4 00
313	do 5...	John Allan.....	do	do	do	4 00
314	do 5...	Jas. Allan	do	do	do	4 00
315	do 5...	Jos. Wiggins	do	do	do	4 00
316	do 5...	Robert Williams	Master, str., and fore and aft, inland waters	Oakville, Ont.....	do	4 00
317	do 5...	Jno. Craig Burrows.....	Master, str., inland waters.	Hamilton, Ont.....	do	4 00
318	do 5...	Jas. Collier	do	Picton, Ont	do	4 00
319	do 5...	Jas C. Hume.....	do	Toronto, Ont	do	4 00
320	do 5...	Edward H. Vandusen	Master, str., and fore and aft, inland waters.	Picton, Ont	do	4 00
321	do 5...	Thos. Leach.....	Master, str., inland waters, and fore and aft, coasting.	Toronto, Ont	do	4 00
322	do 5...	Duncan McFayden.....	Mate, fore and aft, coasting.	Tiverton, Ont	do	2 00
323	do 5...	Timothy Sullivan.	Master, fore and aft, coasting.	Picton, Ont	do	4 00
324	do 5...	Archibald McMillan.....	Master, str., inland waters.	Belmont, Ont.....	do	4 00
325	do 5...	John Munro.....	Master, fore and aft, inland waters.	Tiverton, Ont	do	4 00
326	do 5...	Chas. Sweet.....	Master, str., minor inland waters.	Gravenhurst, Ont.	do	4 00
327	do 5...	Silvanus Hough	do	Port Carling, Ont.	do	4 00
328	do 5...	Jno. Ed. McCorquodale.	Master, str., inland waters.	Toronto, Ont	do	4 00
329	do 5...	Benjamin Tripp.....	do	do	do	4 00
330	do 5...	Joseph Jackson.....	do	do	do	4 00
331	do 5...	Michael Troy	Master, str., and fore and aft, inland waters.	do	do	4 00

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	1884.					\$ cts.
332	March 6...	Ambrose Mark LeBlanc..	Master, square rig, coasting.	Meteghan, N.S.....	Yarmouth	4 00
333	do 6...	Nelson Hudgin.....	Master, fore and aft, inland waters.	South Bay, Ont....	Picton	4 00
334	do 6...	Jacob Hyatt.....	Mate, fore and aft, inland waters.	Balfour, Ont	do	2 00
335	do 6...	Philip Farrington.....	Mate, str., inland waters.	Milford, Ont.....	do	2 00
336	do 6...	David O. Hagan.....	Master, fore and aft, inland waters, and steam fr'ght barge	Picton, Ont	do	4 00
337	do 6...	Wm. Ostrander.....	Master, fore and aft, inland waters.	do	do	4 00
338	do 6...	Wm. Henry Burdick	do	do	do	4 00
339	do 6...	Samuel Anderson.....	Master, str., inland waters.	Desoronto, Ont ...	do	4 00
340	do 6...	Murney Ackerman	Master, fore and aft, inland waters.	Milford, Ont.....	do	4 00
341	do 6...	Frederick Graves.....	Master, str., minor inland waters	Picton, Ont.....	do	4 00
342	do 6...	Frederick Graves.....	Mate, str., inland waters.	do	do	2 00
343	do 6...	John Walters	Master, fore and aft, inland waters.	do	do	4 00
344	do 6...	George Porte	Master, str., minor inland waters.	Flinton, Ont.....	do	4 00
345	do 6...	Fagan Dulmage	Mate, fore and aft, inland waters.	Milford, Ont.....	do	2 00
346	do 6...	Jas. Way Anderson	Master, str., minor inland waters.	Ameliasburgh, Ont	do	4 00
347	do 6...	Jas. M. Hudgin	Master, fore and aft, inland waters.	Milford, Ont.....	do	4 00
348	do 6...	Elisha Biscoe Smith	Master, str., minor inland waters.	Picton, Ont.....	do	4 00
349	do 6...	Albert Wellington Pal-mateer.	Mate, fore and aft, inland waters.	do	do	2 00
350	do 6...	Wm. Skillen.....	Master, str., minor inland waters.	do	do	4 00
351	do 6...	Harvey Montrose Hart ...	Master, fore and aft, inland waters.	Rossmore, Ont.....	do	4 00
352	do 7...	Wm. Matthews.....	do	Colborne, Ont.....	Port Hope.....	4 00
353	do 7...	George Tait	do	Bowmanville, Ont.	do	4 00
354	do 7...	Robert Cootes	do	do	do	4 00
355	do 7...	Thos. Brennan.....	Mate, fore and aft, inland waters.	do	do	2 00
356	do 7...	Jas. Henry Peacock.....	Master, fore and aft, inland waters.	Lakeport, Ont.....	do	4 00
357	do 7...	Jas. Terry	Mate, fore and aft, inland waters.	Cobourg, Ont.....	do	2 00
358	do 7...	Hector Lithgow	Master, fore and aft, inland waters.	do	do	4 00
359	do 7...	Henry Isaac Matthews ...	do	Lakeport, Ont.....	do	4 00

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	1884.					\$ cts.
60	March 7...	John Cornwall.....	Master, fore and aft, inland waters.	Brighton, Ont	Port Hope.....	4 00
61	do 7...	Malcolm McNeal Shaw ..	do	do	do	4 00
62	do 7...	Sam'l Reynolds	Master, str., minor inland waters.	Port Hope.....	do	4 00
63	do 7...	Silas Hollinshead Jacobs	do	Lindsay, Ont.	do	4 00
64	do 7...	John Courson	Master, fore and aft, inland waters.	Brighton, Ont.	do	4 00
65	do 7...	Franklin Crandell	Master, str., minor inland waters.	Lindsay, Ont.	do	4 00
66	do 7...	Jas. Ewart	Master, str., inland waters.	Cobourg, Ont.....	do	4 00
67	do 7...	Jas. Dougherty	Master, fore and aft, inland waters.	Lakeport, Ont.....	do	4 00
68	do 7...	Jas. Redfearn.....	do	do	do	4 00
69	do 7...	Jas. H. McMaster	Mate, fore and aft, inland waters.	Brighton, Ont	do	2 00
70	do 7...	John Sidley	Master, fore and aft, inland waters.	Belleville, Ont	do	4 00
71	do 7...	Robt. Snelsinger	Mate, fore and aft, inland waters.	Colborne, Ont	do	2 00
72	do 7...	German Haskell	Mate, fore and aft, also of steamer, inland waters.	Picton, Ont.....	Picton.....	2 00
73	do 7...	Patrick O. Flynn	Master, fore and aft, inland waters.	Trenton, Ont.	do	4 00
74	do 7...	Niles Stephen Wilson	Mate, str., minor inland waters.	Picton, Ont.....	do	2 00
75	do 7...	Calvin Hicks.....	Mate, fore and aft, inland waters.	do	do	2 00
76	do 7...	John Henry Pringle.....	Mate, str., inland waters.	Prinyer, Ont.....	do	2 00
77	do 7...	Thos. Lake Vandusen ...	Master, fore and aft, inland waters.	Milford, Ont	do	4 00
78	do 7...	Levi Cannif Collier	Mate, fore and aft, inland waters.	do	do	2 00
79	do 7...	Jno Wm. Fegan.....	Master, fore and aft, inland waters.	do	do	4 00
80	do 7...	James Collins.....	Master, fore and aft and str., inland waters	Picton, Ont.....	do	4 00
81	do 7...	Jacob Ryerson Woodcock	Mate, fore and aft, inland waters.	Deseronto, Ont.....	do	2 00
82	do 7...	John Gowan.....	Master, str and fore and aft, in- land waters.	do	do	4 00
83	do 7...	Hugh McCormick.....	Mate, fore and att, inland waters.	Picton, Ont.....	do	2 00
84	do 7...	Patrick Foley.....	Mate, str., minor inland waters.	do	do	2 00
85	do 7...	Jos. Weir Bradbeer	Master, fore and aft, inland waters.	Deseronto, Ont.....	do	4 00
86	do 7...	Daniel O'Hagan	do	Picton, Ont.....	do	4 00

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						\$ ct
387	March 7...	J. D. Vanalstine.....	Master, str., inland waters.	Picton, Ont	Picton	4
388	do 7...	Paul Clark	Master, fore and aft, inland waters.	Cherry Valley, Ont	do	4
389	do 7...	Hugh Hudgin	Mate, fore and aft, inland waters.	Milford, Ont.....	do	2
390	do 7...	Joseph Belcour.....	Mate, str., inland waters.	Sterling, Ont.	do	2
391	do 7...	Peter Fletcher Hicks....	Master, fore and aft, inland waters.	South Bay, Ont. ...	do	4
392	do 7...	James Savage	do	Wellington, Ont...	do	4
393	do 7...	Jonathan A. Porte	Master, str., minor inland waters.	Trenton, Ont.....	do	4
394	do 7...	Angus Gilbert Stanton...	do	Picton, Ont.....	do	4
395	do 7...	Hugh McCullough	Master, fore and aft, inland waters.	Wellington, Ont...	do	4
396	do 7...	Nathan McCrimmon.....	do	Point Travis, Ont.	do	4
397	do 7...	Alfred Hicks	Mate, str., minor inland waters.	West Lake, Ont...	do	2
398	do 6...	Wm. Elias Vanvlack.....	Master, fore and aft and str., inland waters.	Milford, Ont.....	do	4
399	do 6...	Jno. O'Hagan	Mate, fore and aft, inland waters.	Picton, Ont.....	do	2
400	do 6...	Wm. Harvey Holmes.....	Mate, str., inland waters.	do	do	2
401	do 6...	Peter Devlin Ostrander..	Master, fore and aft, inland waters.	Milford, Ont.....	do	4
402	do 6...	John Flynn.....	Master, fore and aft and str., inland waters.	Picton, Ont.....	do	4
403	do 6...	Wyatt Wellbanks.....	Master, fore and aft, inland waters.	Milford, Ont	do	4
404	do 6...	Francis McMaster, jun....	do	Deseronto, Ont. ...	do	4
405	do 6...	Wm. Egerton Lobb	do	Milford, Ont.....	do	4
406	do 6...	David Wood.....	Master, fore and aft, inland waters.	Picton, Ont.....	do	4
407	do 6...	Wm. Henry Hargrove....	Master, fore and aft, inland waters; also Master, steam barge.	Cherry Valley, Ont	do	4
408	do 8...	Mailles Cowley	Master, str., minor inland waters.	Ottawa, Ont.....	Ottawa.....	4
409	do 11...	Ogle Carss	do	Smith's Falls, Ont.	do	4
410	do 8...	Wm. Bothwell.....	do	Rockland, Ont.....	do	4
411	do 8...	Jos. Poitras.....	do	do	do	4
412	do 8...	Richard Prindiville	do	Ottawa, Ont	do	4
413	do 8...	Luke Depeneier,	do	Kemptville, Ont....	do	4

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	1884.					\$ cts.
414	March 8...	Toussant Cousineau.....	Master, str., minor inland waters.	Ottawa, Ont.....	Ottawa.....	4 00
415	do 8...	John Galbraith	do ...	do	do	4 00
416	do 8...	Wm. M. Jones	do ...	do	do	4 00
417	do 8...	Alex. Peter Cockburn....	do ...	Beaverton, Ont. ...	do	4 00
418	do 8...	Jos. Reed	do ...	Ottawa, Ont.....	do	4 00
419	do 8...	Jas. Henry Hall	do ...	L'Original, Ont....	do	4 00
420	do 8...	Alphe Legault	do ...	Ottawa, Ont	do	4 00
421	do 8...	Robert Sutherland Mc-Kenzie.	do ...	do	do	4 00
422	do 8...	Geo. Archibald Harris ...	do ...	do	do	4 00
423	do 8...	Thomas Mansfield	Mate, str., minor inland waters.	New Edinburgh, Ont.	do	2 00
424	do 8...	Wm. Little.....	Master, str., minor inland waters.	Ottawa, Ont.....	do	4 00
425	do 8...	Wilson Garrett	do ...	Smith's Falls, Ont.	do	4 00
426	do ...	Antoine Duval	Mate, str., minor inland waters.	Ottawa, Ont.....	do	2 00
427	do 10...	Allan Clark.....	Master, str., minor inland waters.	New Edinburgh, Ont.	do	4 00
428	do 10...	David Eligh.....	do ...	do ...	do	4 00
429	do 10 ..	Wm. Neville.....	do ...	Ottawa, Ont.....	do	4 00
430	do 10...	Wm. Henry Easton.....	do ...	do	do	4 00
431	do 10...	George Bothwell.....	do ...	Buckingham, Que.	do	4 00
432	do 10...	Francis Nevins	do ...	Ottawa, Ont.....	do	4 00
433	do 10...	Chas. Ogilvie	do ...	New Edinburgh, Ont.	do	4 00
434	do 10...	Wm. Chancey Bangs.....	do ...	Ottawa, Ont	do	4 00
435	do 10...	Herbert G. Lewis	do ...	New Edinburgh, Ont.	do	4 00
436	do 10...	Thos. Jno. Jones.....	do ...	Ottawa, Ont.....	do	4 00
437	do 10...	Thos. Lett Sproule.....	do ...	do	do	4 00
438	do 10...	Jno. Wesley McDonald...	do ...	Mount Sherwood, Ont.	do	4 00
439	do 10...	Peter Eligh.....	do ...	New Edinburgh, Ont.	do	4 00
440	do 10...	Albert Jas. Depencier....	do ...	Kemptville, Ont....	do	4 00
441	do 10...	Clement Seguin.....	do ...	L'Original, Ont....	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
442	Mar. 10...	George N. Depencier.....	Mate, str., minor inland waters.	Kemptville, Ont...	Ottawa.....	2 00
443	do 10...	John Peverley	Master, str., minor inland waters.	Quebec, Que.....	do	4 00
444	do 10...	Saml. Mulligan	do ..	Ottawa, Ont.....	do	4 00
445	do 10...	Jas. Halcro.....	do ..	Hull, Que.....	do	4 00
446	do 10...	Alex. Bowie	do ..	Ottawa, Ont.....	do	4 00
447	do 11...	Adam Foster	do ..	Smith's Falls, Ont.	do	4 00
448	do 11...	Maxime Morin.....	do ..	Ottawa, Ont.....	do	4 00
449	do 11...	Napoleon Seguin.....	do ..	Hull, Que.	do	4 00
450	do 11...	Jno. McGiffin.....	Master, str. and fore and aft. great inland waters.	Oakville, Ont.	Toronto	4 00
451	do 11...	Frank Jackman.....	Master, str., inland waters.	Toronto, Ont	do	4 00
452	do 11...	Patrick McGreevy.....	Master, fore and aft, inland waters.	do	do	4 00
453	do 12...	Alfred Parsons.....	Mate, fore and aft, inland waters.	do	do ..	2 00
454	do 12...	Thos. Allen Green	Master, str., inland waters.	Hamilton, Ont.....	do	4 00
455	do 12...	Jas. Brock.....	Mate, fore and aft, inland waters.	Port Dover, Ont....	do	2 00
456	do 12...	Jas. Mowat	Master, fore and aft, inland waters.	do	do	4 00
457	do 12...	Elisha Walter Corey	do ..	Hamilton, Ont.....	do	4 00
458	do 12...	S. Chambers Malcolmson.	Master, square rig, inland waters.	do	do	4 00
459	do 12...	Saml. Malcolmson.....	Master, str., inland waters.	do	do ..	4 00
460	do 12...	Thos. John Craig.....	Master, str., minor inland waters.	Portsmouth, Ont...	do	4 00
461	do 12...	Wm. Peace	Master, square rig, inland waters.	Hamilton, Ont.....	do	4 00
462	do 11...	Thos. Stafford	Mate, fore and aft, inland waters.	Port Burwell, Ont.	do	2 00
463	do 11...	John Gribbin	Master, fore and aft, inland waters.	Toronto, Ont.....	do	4 00
464	do 12...	Hugh McKinnon	Mate, fore and aft, inland waters.	Kincardine, Ont...	do	2 00
465	do 13...	Isaac Wells Caning.....	Mate, fore and aft, coasting.	Port Greville, N.S.	do	2 00
466	do 13...	George Wm. Hatfield	Master, fore and aft, coasting.	St. John, N.B.....	St. John.....	4 00
467	do 13...	James Stewart.....	do ..	Carleton, N.B.....	do	4 00
468	do 13...	Nelson Kelson	do ..	St. George, N.B....	do	4 00
469	do 13...	Samuel Truman Peck	do ..	St. John, N.B.....	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
470	Mar. 13...	John V. Yeung.....	Master, fore and aft, coasting.	Carleton, N.B.....	St. John.....	4 00
471	do 13...	Franklin Goold.....	do ..	St. John, N.B.....	do	4 00
472	do 13...	Arthur Day Branscombe.	do ..	Portland, N.B.....	do	4 00
473	do 13...	John G. Cosman.....	do ..	do	do	4 00
474	do 13...	William Balmer.....	do ..	Greenwich, N.B. ...	do	4 00
475	do 13...	Harry Hawkins	Master, str., coasting.	Portland, N.B	do	4 00
476	do 13...	John Edwin Farris ..	do ..	do	do	4 00
477	do 13...	Cyrus McFarlane	Mate, str., minor inland waters.	St. John, N.B	do	2 00
478	do 13...	D. Mill Buck.....	Master, fore and aft, coasting.	Dorchester, N.B....	do	4 00
479	do 13...	Wren McLean.....	do ..	St. John, N.B.	do	4 00
480	do 13...	Samuel James Milberry..	do ..	Plympton, N.S.	Halifax.	4 00
481	do 13...	George McBurnie.....	do ..	Diligent River, N.S	do	4 00
482	do 13...	Thomas Kelor Bentley...	do ..	Port Greville, N.S.	do	4 00
483	do 13...	Elijah Fowler Grant	Mate, square rig, coasting.	do ..	do	2 00
484	do 13...	Alfred Kimball Spinney.	Master, fore and aft, coasting.	Argyle, N.S	Yarmouth	4 00
485	do 12...	Robert Maw	Master, square rig, inland waters.	Toronto, Ont.	Toronto	4 00
486	do 14...	Arthur Wesley McKinnon	Master, fore and aft, coasting.	Chebogue, N.S.....	Yarmouth	4 00
487	do 14...	Alex. McDonald	do ..	Antigonish Harb'r, N.S.	Halifax	4 00
488	do 14...	John P. Armstrong	do ..	Petite Rivière, N.S	do	4 00
489	do 14...	Burpee Bentley	Mate, fore and aft, coasting.	Parrsboro', N.S....	do	2 00
490	do 14...	Clarence O. Anthony ...	Master, fore and aft, coasting.	Bear River, N.S....	do	4 00
491	do 14...	Joseph Howe Greene.....	do ..	Kingsport, N.S.....	do	4 00
492	do 14...	George Edward Bentley.	do ..	Port Greville, N.S.	do	4 00
493	do 14...	George Williamson	Master, square rig, inland waters.	Toronto, Ont.....	Toronto	4 00
494	do 14...	Gideon Adams	Mate, str., inland waters, and also as Master of tug "Gilbert" or "Curtis" between Brockville and Cardinal.	Prescott, Ont.....	Ottawa.....	2 00
495	do 18...	James Owens.....	Mate, str., inland waters.	do	Prescott.....	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
496	March 18..	Francis O'Neil.....	Mate, str., minor inland waters.	On board of str. "Transit."	Prescott.....	2 00
497	do 18...	John Driscoll.....	do	Prescott.....	do	2 00
498	do 18...	James Delaney.....	Mate, str., inland waters	do	do	2 00
499	do 18...	Hiram Vaughn.....	Master, str., inland waters.	do	do	4 00
500	do 18...	Geo. Miller.....	do	do	do	4 00
501	do 18...	Hugh Perry.....	Mate, str., inland waters.	do	do	2 00
502	do 18...	Henry McCauley.....	Master, str., inland waters.	Ogdensburg, N. Y.	do	4 00
503	do 18...	Patrick McGrath.....	do	Central Augusta, Ont.	do	4 00
504	do 18...	Daniel McMillan.....	Mate, str., inland waters.	Prescott.....	do	2 00
505	do 18...	Robert Delaney.....	do	do	do	2 00
506	do 18...	Leander Schwartz.....	Master, fore and aft, coasting.	Lunenburg, N.S...	Lunenburg....	4 00
507	do 18...	Miles Ransford Erb.....	Mate, fore and aft, coasting.	Kingstown, N.B...	St. John.....	2 00
508	do 18...	Robert Perry.....	Master, fore and aft, coasting.	Parish Lancaster, N.B.	do	4 00
509	do 18...	Wesley B. Milberry.....	do	St. Martin's, N.B...	do	4 00
510	do 18...	Burpee Dickson.....	do	Portland, N.B.....	do	4 00
511	do 18...	Leander Estabrooks	Mate, str., minor inland waters	Lower Burten, N.B	do	2 00
512	do 10...	Roderick McLeod.....	Master, str., minor inland waters	Ottawa, Ont	Ottawa.....	4 00
513	do 18...	Damien Doucett	Master, fore and aft, coasting.	Tusket Wedge, N.S	Yarmouth	4 00
514	do 18...	George Crossman.....	Mate, square rig, coasting.	Fraserville, N.S...	Halifax.....	2 00
515	do 18...	Silas Wm. Deuch.....	Mate, fore and aft, coasting.	Parrsboro', N.S...	do	2 00
516	do 18...	Lorenzo Dow Everett	Master, fore and aft, coasting.	Plympton, N.S.....	do	4 00
517	do 19...	Randall Merriam.....	Master, square rig, coasting.	Port Greville, N.S.	do	4 00
518	do 19...	Jas. Renfrew Eldridge...	Master, fore and aft, coasting.	Yarmouth, N.S....	Yarmouth	4 00
519	do 19...	Wm. Allen Macomber...	Master, str., minor inland waters	North Sydney, C.B	Sydney.....	4 00
520	do 19...	George Spencer.....	Master, fore and aft, coasting.	Mira, C.B.....	do	4 00
521	do 19...	Geo. Jas. Thorbourn.....	do	Shelburne, N.S....	Halifax.....	4 00
522	do 19...	Jno. Windsor Eisenhauer	do	Lockeport, N.S....	do	4 00
523	do 19...	Peter Stratford Blake.....	Master, square rig, coasting.	Parrsboro', N.S...	do	4 00

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—Continued.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
524	Mar. 19...	Thomas Brokenshire.....	Master, fore and aft, inland waters.	Cobourg, Ont.....	Port Hope.....	4 00
525	do 19...	James Dunning.....	Mate, fore and aft, inland waters.	Bowmanville, Ont	do	2 00
526	do 19...	Henry Maitland.....	Master, steamer, in- land waters.	Brighton, Ont	do	4 00
527	do 19...	Edward M. George..	Master, fore and aft, inland waters	do	Toronto	4 00
528	do 19...	Richard Edmunds.....	Mate, fore and aft, inland waters.	Port Hope, Ont ...	Port Hope.....	2 00
529	do 19...	Michael McGwan	do	Cobourg, Ont.....	do	2 00
530	do 19...	Thos. Conroy.....	do	Lakeport, Ont.....	do	2 00
531	do 20...	George Cary.....	Master st'r, minor inland waters.	Lindsay, Ont.....	do	4 00
532	do 20...	Crenius Hodge.....	Mate, fore and aft, inland waters.	Port Hope, Ont....	do	2 00
533	do 20...	Wm. Robt. Wakely	Master, fore and aft, inland waters.	do	do	4 00
534	do 20...	John Read Philip.....	do	do	do	4 00
535	do 20...	Wm. Martin	Mate, fore and aft, inland waters.	do	do	2 00
536	do 20...	George Bennett.....	Master, fore and aft, inland waters.	do	do	4 00
537	do 20...	Michael O'Mailley	Mate, fore and aft, inland waters.	do	do	2 00
538	do 20...	Alfred Elisha Munson ...	Master, st'r., minor, inland waters.	Cobourg, Ont.....	do	4 00
539	do 20...	Wm. Manson, jun	Master, fore and aft, inland waters.	Port Hope, Ont....	do	4 00
540	do 20...	Chas. Arthur Munson....	Master, st'r., minor, inland waters.	Cobourg, Ont.....	do	4 00
541	do 20...	Joseph Braund.....	Master, fore and aft, inland waters.	Port Hope, Ont....	do	4 00
542	do 20...	Elias Casey.....	do	Cobourg, Ont.....	do	4 00
543	do 20...	George Sherwood.....	do	Brighton, Ont	do	4 00
544	do 20...	Daniel Rooney.....	do	Cobourg, Ont.....	do	4 00
545	do 20...	John Lavis.....	Mate, fore and aft, inland waters.	do	do	2 00
546	do 20...	Hugh Rooney.....	Master, fore and aft, inland waters.	do	do	4 00
547	do 20...	Thos. Matthews.....	Mate, fore and aft, inland waters.	Colborne, Ont.....	do	2 00
548	do 20...	Andrew Martin.....	Master, fore and aft, inland waters.	Brighton, Ont	do	4 00
549	do 20...	Donald Manson.....	Master, steamer, in- and fore and aft, inland waters.	Port Hope, Ont....	do	4 00
550	do 21...	Joseph Philip.....	Master, fore and aft, inland waters.	do	do	4 00
551	do 21...	Peter Lowry.....	do	do	do	4 00

**List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—Continued.**

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee
	1884.					\$ cts.
552	Mar. 21...	Thos. Crosbie	Master, fore and aft, inland waters.	Port Hope, Ont....	Port Hope.....	4 00
553	do 21...	Benjamin Guinyon	Mate, fore and aft, inland waters.	do	do	2 00
554	do 21...	Thos. Uglow	Master, fore and aft, inland waters.	do	do	4 00
555	do 21...	John Shaw	do	Lakeport, Ont	do	4 00
556	do 21...	Wm. Casey	Master, str. and fore and aft, inland waters.	Port Hope, Ont. ...	do	4 00
557	do 21...	Richard Clark.....	Master, fore and aft, inland waters.	do	do	4 00
558	do 21...	Wm. Thos. Clark	do	do	do	4 00
559	do 21...	Wm. Wakely	do	do	do	4 00
560	do 21...	Patrick Dunn	Mate, fore and aft, inland waters.	do	do	2 00
561	do 21...	Albert Sainsbury	do	do	do	2 00
562	do 21...	Samuel Edward Philp....	Master, fore and aft, inland waters.	do	do	4 00
563	do 21...	Thos. Slight	do	do	do	4 00
564	do 21...	Chas. Edwin Wakely....	do	do	do	4 00
565	do 21...	Wm. Henry Braund	do	do	do	4 00
566	do 21...	Wm. Manson	Master, steamer and square rig, inland waters.	do	do	4 00
567	do 21...	Jas. Edmunds	Master, fore and aft, inland waters.	do	do	4 00
568	do 21...	Richard Jas. Edmunds ...	do	do	do	4 00
569	do 21...	Wm. Fee	Master, str., minor inland waters.	Lindsay, Ont.....	do	4 00
570	do 21...	Thos. Fox	Master, fore and aft, inland waters.	Port Hope, Ont....	do	4 00
571	do 21...	Jno. Ewart	Master, square rig, inland waters.	Cobourg, Ont.	Toronto	4 00
572	do 22...	Jas. Hadden.....	Master, fore and aft, inland waters.	Port Hope, Ont....	Port Hope.....	4 00
573	do 22...	John Baltes	Master, str., minor inland waters.	do	do	4 00
574	do 22...	George Hunter.....	Mate, fore and aft, inland waters.	do	do	2 00
575	do 22...	Thos. O'Brien	do	do	do	2 00
576	do 22...	Walter Jas. Colwill.....	Master, fore and aft, inland waters.	do	do	4 00
577	do 22...	Jno. Strickland.....	do	do	do	4 00
578	do 22...	Jos. Philp, jun.....	Mate, fore and aft, inland waters.	do	do	2 00
579	do 22...	Thos. Connors.....	do	do	do	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
580	Mar. 22...	Francis Curran	Mate, fore and aft, inland waters.	Port Hope, Ont...	Port Hope	2 00
581	do 22...	Wm. Jno. Johnson	do ..	do	do	2 00
582	do 22...	Samuel Cornish	do ..	do	do	2 00
583	do 22...	George Wright	Master, fore and aft, inland waters.	do	do	4 00
584	do 22...	James Hodge	Mate, fore and aft, inland waters.	do	do	2 00
585	do 22...	Matthew Fox	do ..	do	do	2 00
586	do 24...	Thomas Wakely	do ..	do	do	2 00
587	do 24...	Charles Richard Nixon...	Master, fore and aft, inland waters.	do	do	4 00
588	do 24...	Jas. Arthur Slamon	Mate, fore and aft, inland waters.	Cobourg, Ont.....	do	2 00
589	do 24...	John Wright	Master, fore and aft, inland waters.	Port Hope, Ont...	do	4 00
590	do 24...	Robt. Henning.....	do ..	do	do	4 00
591	do 24...	Fredk. R. Clark	Mate, fore and aft, inland waters.	do	do ..	2 00
592	do 24...	Thos. Cavanagh	do ..	Cobourg, Ont.....	do	2 00
593	do 24...	John Breen	do ..	Port Hope, Ont....	do	2 00
594	do 24...	Robt. Wm. Battis.....	Master, str., minor inland waters.	Quebec, Que.....	Quebec	4 00
595	do 24...	Jos. Desrochers.....	Master, str., coast- ing.	Lévis, Que.	do	4 00
596	do 24...	Jean Barras	do ..	Bienville, Lévis, Que.	do	4 00
597	do 24...	Cajetan Deschene.....	Master, str., minor inland waters.	Lévis, Que.	do	4 00
598	do 24...	Louis Bernier	Mate, square rig, coasting.	Cap St. Ignace, Que.	do	2 00
599	do 24...	Wilfrid Raymond.....	Master, str., minor, inland waters.	Deschambault, Que	do	4 00
600	do 24...	Louis Nadeau.....	do ..	Lévis, Que.	do	4 00
601	do 24...	Théodore Carrier	Master, str., coast- ing.	St Joseph de Lévis, Que.	do	4 00
602	do 24...	Antoine Joncas.....	Master, fore and aft, coasting.	Berthier en bas, Que.	do	4 00
603	do 24...	Michel Coulombe.....	do ..	do ..	do	4 00
604	do 24...	George Barras	Mate, str., coasting.	Village Lauzon, Lévis, Que.	do	2 00
605	do 24...	Alexandre Barras.....	Master, str., minor inland waters.	do ..	do	4 00
606	do 24...	Pierre Turgeon	do ..	Bienville, Lévis, Que.	do	4 00
607	do 24...	Cléophas Buteau.....	Master, square rig, coasting.	Berthier en bas, Que.	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
608	Mar. 24...	Cléophas Auger	Master, str., coast- ing.	Lévis, Que.....	Quebec.....	4 00
609	do 24...	Magloire Lachance.....	Master, fore and aft, coasting.	St. Jean, Isle d'Or- leans, Que.	do	4 00
610	do 24...	Alfred Langlade.....	Mate, fore and aft, coasting.	Quebec, Que.....	do	2 00
611	do 26...	Louis Samson.....	Master, str., coast- ing.	Vill Notre Dame, Lévis, Que.	do	4 00
612	do 26...	Hilaire Lachance	Master, str., minor inland waters.	Lévis Que.....	do	4 00
613	do 26...	Joseph Cantin	do	Bienville, Lévis, Que.	do	4 00
614	do 26...	Joseph Plante.....	do	Isle of Orleans, Que	do	4 00
615	do 26...	Xavier Coulombe	Master, fore and aft, coasting.	Berthier en bas, Que	do	4 00
616	do 26...	Rémi Dion, jun	Master, str., coast- ing.	Lévis, P.Q.....	do	4 00
617	do 26...	Louis Laplante	do	St. Nicholas, Que.	do	4 00
618	do 26...	Michel Talbot	Master, square rig, coating.	Quebec.....	do	4 00
619	do 27...	Laurent Noël.....	Mate, str., coasting.	St. Michele, Que...	do	2 00
620	do 27...	Thomas Frenette	Master, fore and aft, coasting.	Portneuf, Que	do	4 00
621	do 27...	Michel Lecours	Master, str., minor inland waters.	Bienville, Que.....	do	4 00
622	do 24...	John Ewart	Mate, fore and aft, inland waters.	Cobourg, Ont.....	Port Hope	2 00
623	do 31...	Adelard Fortin	Mate, str., minor inland waters.	St. Thomas, Que...	Quebec.....	2 00
624	do 28...	Jean Baptiste Baron	Mate, str., coasting.	Lévis, Que.....	do	4 00
625	do 28...	Wm. T. Davie.....	do	do	do	4 00
626	do 28...	Thomas Barras.....	Master, str., minor inland waters.	Bienville, Lévis, Que.	do	4 00
627	do 28...	John LeBlanc	Master, square rig, coasting.	Carleton, Que	do	4 00
628	do 28...	James Kiely.....	Master, str., coast- ing.	St. Romuald, Que..	do	4 00
629	do 28...	Jos. Nadeau.....	do	Lévis, Que.....	do	4 00
630	do 28...	Willbrod Tremblay.....	Mate, fore and aft, coasting.	St. Charles, St. Roch, Que.	do	2 00
631	do 28...	Joseph Ruel	Master, str., coast- ing.	Village Notre Dame, Lévis, Que	do	4 00
632	do 28...	Télesphore Mercier.....	Master, fore and aft, coasting.	Berthier, en bas, Que.	do	4 00
633	do 28...	Jean Baptiste Mercier....	do	do	do	4 00
634	do 29...	Germain St. Pierre.....	Master, str., minor inland waters.	St. Joseph of Lévis, Que.	do	4 00
635	do 29...	Joseph Campagnor.....	Master, str., coast- ing.	St. Larivière, Que.	do	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—Continued.

	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
36	Mar. 29...	Damase Lord.....	Master, str., minor inland waters.	Quebec.....	Quebec.....	4 00
37	do 29...	Jos. Labadie.....	do	Notre Dame de Lévis, Que.	do	4 00
38	do 29...	Louis Auguste Bernier...	Master, fore and aft, coasting, and str., minor inl'd waters	Village Lauzon, Lévis, Que.	do	4 00
39	do 31...	Leon Desrochers.....	Master, str., minor inland waters.	Lévis, Que.....	do	4 00
40	do 31...	Baptiste Emond	Master, fore and aft, coasting.	Quebec.....	do	4 00
41	do 31...	Edouard Laflamme.....	Mate, str., minor inland waters.	Lévis, Que.....	do	2 00
42	do 31...	Narcisse Gaudrault	Master, fore and aft, coasting.	L'Islet, Que	do	4 00
43	do 31...	Louis Gosselin.....	do	Deschambault, Que	do	4 00
44	do 31...	Philius Gariépy.....	do	do	do	4 00
45	do 31...	Jean Bap. Mercier, jun...	do	Berthier, <i>en bas</i> , Que.	do	4 00
46	do 31...	Isidore Lacombe.....	do	St. Thomas, Que...	do	4 00
47	do 31...	Narcisse Blais.....	do	Berthier, <i>en bas</i> , Que	do	4 00
48	do 31...	George Paquet.....	do	Deschambault, Que	do	4 00
49	do 31...	Augustin Galibois	do	Berthier, <i>en bas</i> , Que	do	4 00
50	do 31...	Antoine Edmond Joncas	do	do	do	4 00
51	do 31...	Hilaire Naud.....	Master, str., minor inland waters.	Deschambault, Que	do	4 00
52	April 1...	Fleurrie Perrault.....	Master, fore and aft, coasting.	do	do	4 00
53	do 1...	Samuel Perrault.....	do	do	do	4 00
54	do 1...	Oliva Portelance.....	do	do	do	4 00
55	do 1...	Odilon Portelance.....	do	do	do	4 00
56	do 1...	Olivier Perrault.....	do	do	do	4 00
57	do 1...	Jean Baptiste Masson....	do	St. Thomas, Que...	do	4 00
58	do 1...	Alphonse Bourget.....	Master, str., minor inland waters.	Lauzon, Que.....	do	4 00
59	do 1...	Hermenégilde Boulanger	Master, square rig, coasting.	St. Thomas, Que...	do	4 00
60	do 1...	Nazaire Edson Angers...	Master, fore and aft, coasting.	Deschambault, Que	do	4 00
61	do 1...	Ferdinand Boisvert	do	St. Croix, Que....	do	4 00
62	do 1...	James Coute.....	do	Quebec.....	do	4 00
63	do 1...	Théophile Jean.....	Mate, str., minor inland waters.	Lévis, Que.....	do	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee
						\$ ct
664	April 1...	Delphin Jacques.....	Master, square rig, coasting.	L'Islet, Que.....	Quebec.....	4 0
665	do 1...	Narcisse Bernier.....	Mate, square rig, coasting.	L'Anse à Giles, Que.	do	2 0
666	do 1...	Léon Laroche.	Master, fore and aft, inland waters.	St. Croix, Que.....	do	4 0
667	do 1...	François X. Boisvert.....	Master, fore and aft, coasting.	do	do	4 0
668	do 1...	Rémi Dion.....	Master, str., minor inland waters.	Lévis, Que.....	do	4 0
669	do 1...	Louis Caron.....	Mate, square rig, coasting.	L'Islet, Que.....	do	2 0
670	do 1...	Onésime Bernier.....	Master, fore and aft, coasting.	Cap. St. Ignace, Que.	do	4 0
671	do 1...	Diojene Guimont.....	do	do	do	4 0
672	do 1...	Josepha Fortin.....	Mate, fore and aft, coasting.	do	do	2 0
673	do 1...	Alfred Talbot.....	Master, square rig, coasting.	do	do	4 0
674	do 1...	Phidime Menard....	Mate, fore and aft, coasting.	L'Islet, Que.....	do	2 0
675	do 1...	Hermenégilde Menard....	do	do	do	2 0
676	do 1...	Julien Charrier.....	Master, str., minor inland waters.	Lévis, Que.....	do	4 0
677	do 1...	Joseph Belanger	Mate, fore and aft, coasting.	Cap St. Ignace, Que	do	2 0
678	do 1...	François Xavier Dion....	Master, str., minor inland waters.	Lévis, Que.....	do	4 0
679	do 1...	Arthur Bélanger	Master, fore and aft, coasting.	Cap St. Ignace, Que	do	4 0
680	do 1...	Onésime Rouleau	Master, str., minor inland waters.	Lévis, Que.....	do	4 0
681	do 2...	Fabien Couillard Desprès	Master, fore and aft, coasting.	St. Thomas, Que...	do	4 0
682	do 2...	Napoléon Thivierge.....	Master, str., minor inland waters.	Burg Labadie, Lévis, Que.	do	4 0
683	do 2...	Eusèbe Menard.....	Master, fore and aft, coasting.	L'Islet, Que	do	4 0
684	do 2...	Augustin Charrier	Master, str., minor inland waters.	Lévis, Que.....	do	4 0
685	do 2...	Onésime Menard	Master, fore and aft, coasting.	L'Islet, Que.....	do	4 0
686	do 2...	Bernardin Tremblay.....	do	Les Eboulements, Que.	do	4 0
687	do 2...	Olivier Rivard.....	do	Grondines, Que...	do	4 0
688	do 2...	Louis St. Pierre.....	Master, str., minor inland waters.	Lauzon, Que.....	do	4 0
689	do 2...	Robt. Sample.....	do	South Quebec, Que	do	4 0
690	do 2...	Eustache Menard.....	Mate, fore and aft, coasting.	L'Islet, Que.....	do	2 0
691	do 2...	Alban Tremblay	Master, fore and aft, coasting.	Les Eboulements, Que.	do	4 0

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
692	April 2...	Francis Gagnon.....	Mate, fore and aft, coasting.	Les Eboulements, Que.	Quebec....	2 00
693	do 2...	Napoléon Tremblay.....	do ...	do ...	do	2 00
694	do 2...	Benjamin Bergeron.....	Master, fore and aft, coasting.	do ...	do	4 00
695	do 2...	George Michaud.....	Master, square rig, casting.	do ...	do	4 00
696	do 2...	Wm. Bolduc	Master, str., minor inland waters.	Bienville, Lévis, Que.	do	4 00
697	do 2...	Clovis Audet.....	Master, square rig, coasting.	Les Eboulements, Que.	do	4 00
698	do 2...	Solyme Tremblay	Master, fore and aft, coasting.	do ...	do	4 00
699	do 2...	Edouard Barras.....	Master, str., minor inland waters.	Lévis, Que.....	do	4 00
700	do 2...	Hypolite Gagnon	Master, fore and aft, coasting.	Quebec, Que	do	4 00
701	do 2...	Maurice Degagné	do ...	Les Eboulements, Que.	do	4 00
702	do 2...	Pierre Boivin	do ...	do ...	do	4 00
703	do 2...	Honoré Poiré.....	Master, str., minor inland waters.	Lévis, Que.....	do	4 00
704	do 2...	Alfred Flamant.....	Master, str., coasting.	Village Bienville, Que.	do	4 00
705	do 2...	Geo. Chamberland.....	Master, str., minor inland waters.	Lévis, Que.....	do ...	4 00
706	do 2...	Joseph Tremblay	Master, fore and aft, coasting.	Les Eboulements, Que.	do	4 00
707	do 2...	Edward Baron, jun.....	Master, str., minor inland waters.	Lévis, Que.	do	4 00
708	do 2...	August Couillard Despris	Master, str., coasting.	Lauzon, Lévis, Que	do	4 00
709	do 2...	Jean Tremblay	Master, fore and aft, coasting.	Les Eboulements, Que	do	4 00
710	do 2...	Thos. Tremblay.....	do ...	do ...	do	4 00
711	do 2...	Alexander Tremblay	do ...	do ...	do	4 00
712	do 2...	Honoré Lachance	Master, square rig, coasting.	Hedleyville, Que...	do	4 00
713	do 2...	John Irving.....	Master, str., coasting.	Victoria, B.C.	Victoria	4 00
714	do 2...	Wm. Beynon	do ...	do	do	4 00
715	do 2...	Jos. Chas. Thomson	Master, str. and fore and aft rigged vessels, inland waters.	Welland, Ont.	Toronto	4 00
716	do 2...	George Ruellin	Master, str., coasting.	Victoria, B.C.	Victoria	4 00
717	do 2...	James Byrne.....	Master, fore and aft, coasting.	St. Pierre Miquelon	Halifax.....	4 00
718	do 2...	James Spearwater.....	do ...	Lower Dublin.....	Lunenburg ...	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts
719	April 2...	Wm. Fenwick Pettis.....	Mate, fore and aft, coasting.	Fox River, N.S. ...	Parrsboro'	2 0
720	do 2...	Jas. Douglas Warren.....	Master, str., coasting.	James' Bay, B.C...	Victoria	4 0
721	do 2...	Jno. Wm. Cochran.....	Mate, fore and aft, coasting.	Fox River, N.S.....	Parrsboro'	2 0
722	do 3...	Geo. Riverin	Mate, str., coasting	Three Rivers, Que.	Quebec	2 0
723	do 3...	Joseph Picord	do ...	Cap St. Ignace, Que.	do	2 0
724	do 3...	Robt. Dickey	Master, str., coasting.	St. Roch, Que.....	do	4 0
725	do 3...	Alfred Lemieux.....	Master, fore and aft and str., coasting	Notre Dame de Lévis, Que.	do	4 0
726	do 3...	Theophile Bernier	Mate, str., coasting	Cap St. Ignace, Que.	do	2 0
727	do 3...	Octave Dubois.....	Master, str., minor inland waters.	St. Nicholas, Que..	do	4 0
728	do 3...	Alfred Lessard	do ...	St. Thomas, Que...	do	4 0
729	do 3...	Telesphore Deschêne.....	do ...	Lévis, Que.....	do	4 0
730	do 3...	Wm. Baker.....	do ...	St. Nicholas, Que..	do	4 0
731	do 3...	Charles Carrier.....	do ...	Notre Dame, Que..	do	4 0
732	do 3...	Jean Baptiste Lessard...	do ...	St. Joseph de Lévis, Que.	do	4 0
733	do 3...	James H. Logan	do ...	Cardinal, Ont.	Ottawa	4 0
734	do 3...	Wm. Allison Logan.....	do ...	Prescott, Ont.	Prescott.....	4 0
735	do 3...	Michael Bond.....	Master, fore and aft, coasting.	West Arichat, N.S.	Arichat	4 0
736	do 3...	Benjamin Decoste.....	Master, square rig, coasting	West Arichat, N.S.	Arichat	4 0
737	do 3...	Benjamin Marchand.....	Mate, square rig, coasting.	Arichat, N.S.....	do	2 0
738	do 3...	Joseph King	do ...	D'Escouse, C.B....	do	2 0
739	do 3...	Lawrence Sampson.....	do ...	West Arichat, N.S.	do	2 0
740	do 3...	Alex. Francis Boudrot ...	Master, fore and aft, coasting.	Arichat, C.B.....	do	4 0
741	do 3...	Dan. Jas. McDonald.	do ...	Big Cove, N.S.....	do	4 0
742	do 3...	Joseph Boudrot	do ...	Ponlamond, Que...	do	4 0
743	do 3...	Abraham And. LeBlanc.	do ...	Port Royal, N.S. ...	do	4 0
744	do 3...	Jas. George LeBlanc.....	Master, square rig, coasting.	Arichat, N.S.....	do	4 0
745	do 3...	Isidore Landry.....	do ...	do	do	4 0
746	do 3...	Lawrence Felix Terrio ...	Master, fore and aft, coasting.	do	do	4 0

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
1884.					\$ cts.
April 3...	Elias Martell	Mate, square rig, coasting.	Arichat, N.S.	Arichat	2 00
do 3...	Rodk. McDonald	Master, square rig, coasting.	West Arichat, C.B.	do	4 00
do 3...	Wm. Girroir	Master, fore and aft, coasting.	do ...	do	4 00
do 3...	Pascal Vigneau	Mate, square rig, coasting.	do ...	do	2 00
do 3...	Benjamin Boudro	do ...	do ...	do	2 00
do 3...	John Pellam	Master, square rig, coasting.	do ...	do	4 00
do 3...	Pascal Poirior	Master, fore and aft, coasting.	D'Escouse, C.B.	do	4 00
do 3...	Isidore Poirior	Master, square rig, coasting.	Martinigan, N.S.	do	4 00
do 3...	Chas. Peter LeBlanc	Master, fore and aft, coasting.	Arichat, C.B.	do	4 00
do 3...	Al Rhude	do ...	Halifax, N.S.	Halifax	4 00
do 3...	Albert Elijah Ritcey	do ...	Ritcey's Cove, N.S.	do	4 00
do 3...	Philip Townsend	do ...	Louisburg, C.B.	Sydney	4 00
do 3...	Jas. Maddison Davis	Master, str., coasting.	Yarmouth, N.S.	Yarmouth	4 00
do 3...	Jos. Alex. Cole	Mate, fore and aft, coasting.	Port Greville, N.S.	Parrsboro'	2 00
do 3...	Wm. A. Gaetz	Master, fore and aft, coasting.	Lunenburg, N.S.	Lunenburg	4 00
do 3...	John Loye	do ...	do ...	do	4 00
do 3...	Chas. C. Rhuland	Mate, fore and aft, coasting.	do ...	do	2 00
do 3...	Isaac David Mason	Master, fore and aft, coasting.	do ...	do	4 00
do 3...	Martin John Mason	do ...	do ...	do	4 00
do 3...	Chs. Thimothée Rouleau	Master, str., minor inland waters.	Lévis, P.Q.	Quebec	4 00
do 4...	Winfield Yates Theal	Master, fore and aft, coasting.	River Hebert, N.S.	Parrsboro'	4 00
do 4...	William Pettis	Master, square rig, coasting.	Port Greville, N.S.	do	4 00
do 4...	Neil Curry	Master, fore and aft, coasting.	Sydney, C.B.	Sydney	4 00
do 5...	Samuel William Peters	Mate, fore and aft, coasting.	Cow Bay, C.B.	do	2 00
do 4...	John Gildert	Master, fore and aft, coasting.	Lunenburg, N.S.	Lunenburg	4 00
do 4...	William Rogers	Master, str., coasting.	New Westminster, B.C.	Victoria	4 00
do 4...	John Cavin	do ...	Victoria, B.C.	do	4 00
do 4...	William Moore	Master, str., minor inland waters and coasting.	do	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts
775	April 4...	John Allen Gardiner.....	Master, str., coast- ing.	Victoria, B.C.....	Victoria.....	4 0
776	do 4...	William Johnson.....	do ...	Moodyville, B.C ...	do	4 0
777	do 4...	James Seymour.....	Mate, str., coasting	Victoria, B.C.	do	2 0
778	do 4...	Thomas Pamphlet.....	Master, str., coast- ing.	Rock Bay, C.B.....	do	4 0
779	do 4...	George Marchant.....	do ...	Burrard Inlet, B.C.	do	4 0
780	do 4...	Walter Wallin.....	Mate, str., coasting	New Westminster, B.C.	do	2 0
781	do 4...	Wm. Branscomb McLean	Master, str., minor inland waters.	Portland, N.B.	St. John.....	4 0
782	do 4...	Samuel Price.....,.....	Master, str., minor inland waters; also ent'd master, str., coasting.	do	do	4 0
783	do 4...	James D. Farris.	do ...	do	do	4 0
784	do 4...	Joseph Bishop.....	Master, fore and aft, coasting.	Hopewell, N.B.....	do	4 0
785	do 4...	Samuel Williams.....	Master, str., coast- ing.	Victoria, B.C.	Victoria.....	4 0
786	do 4...	Harold Franklyn.....	Mate, str., coasting	do	do	2 0
787	do 4...	Anthony Dimock Giffin.	Master, fore and aft, coasting.	Shelburne, N.S.	Halifax.....	4 0
788	do 4...	James McLeod.....	do ...	Diligent River, N.S	Parrsboro'	4 0
789	do 4...	Benjamin Ham.	do ...	Mahone Bay, N.S..	Lunenburg....	4 0
790	do 4...	Osborn S. Hiltz.....	do ...	Chester, N.S.....	do	4 0
791	do 4...	James Alfred Moser.....	do ...	Mahone Bay, N.S..	do	4 0
792	do 3...	Samuel Crangle	Master, str. and fore and aft, inland waters.	Toronto, Ont.....	Toronto	4 0
793	do 3...	Sandford Davis.....	Master, str., minor inland, and steam tug, in'nd waters	Collingwood, Ont.	Collingwood..	4 0
794	do 4...	John Anderson	Master, str., minor inland waters	do ...	do ...	4 0
795	do 4...	Frank Burke.....	Master, str., inland waters.	Victoria Harbor...	do ...	4 0
796	do 4...	Peter Lane Campbell ...	do ...	Collingwood, Ont.	do ...	4 0
797	do 4...	John McBride.....	do ...	Port Dalhousie	do ...	4 0
798	do 4...	Alex. Campbell Cameron	do ...	Collingwood, Ont.	do ...	4 0
799	do 4...	Thos. Hill	do ...	do ...	do ...	4 0
800	do 4...	Alex. Birnie	do ...	do ...	do ...	4 0
801	do 4...	Robt. Hislop Gilbertson..	do ...	Port Dalhousie.....	do ...	4 0

List of Certificates of Competency and Service granted to Masters and Mates of
Inland Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
02	April 4...	Malcolm C. Cameron	Mate, steamer, in- land waters.	Collingwood, Ont.	Collingwood...	2 00
03	do 4...	Wm. Nesbitt Storey.....	Master, steamer, in- land waters.	do ...	do ...	4 00
04	do 4...	Wm. John McQuade.....	Mate, steamer, in- land waters.	do ...	do ...	2 00
05	do 4...	Edward Martin	do ..	do ...	do ...	2 00
06	do 4...	Alfred Burritt	Master, str., minor inland waters.	Parry Sound.....	do ...	4 00
07	do 4...	Thos. Foster Thornton...	do ...	Hamilton, Ont....	do ...	4 00
08	do 4...	Donald McFadyen	Mate, steamer, in- land waters.	Lindsay	do ...	2 00
09	do 4...	Chas. W. Vanderburgh...	Master, str., minor inland waters.	Port Carling	do ...	4 00
10	do 4...	Albert Andrew Richmond	Master, str., minor inland waters, and tug str., great in- land waters.	Parry Harbor.....	do ...	4 00
11	do 4...	Harper Walker	Master, str., minor inland waters.	Walker's Point ...	do ...	4 00
12	do 4...	James McNabb.....	do ...	Collingwood, Ont..	do ...	4 00
13	do 4...	Wm. Alex. Clark.....	do ..	do ...	do ...	4 00
14	do 4...	Robt. James Watson.....	do ...	Bracebridge	do ...	4 00
15	do 4...	Joseph C. Huckins.....	do ...	Baysville, Ont.....	do ...	4 00
16	do 4...	Alex. Cameron	Master, steamer, in- land waters.	Lancaster, Ont	Montreal	4 00
17	do 4...	Wm. Davidson.....	Master, str., minor inland waters.	Como, Que.....	do	4 00
18	do 4...	Jean Baptiste Primeau...	Mate, steamer, in- land waters.	Beauharnois, Que..	do	2 00
19	do 4...	Joseph Chantal.....	Mate, str., minor inland waters.	St. Anne, Que	do	2 00
20	do 4...	Zotique Cadieux	Master, str., minor inland waters.	Lachine, Que.....	do	4 00
21	do 4...	France Pilon, jun.....	do ...	St. Anne, Que.....	do	4 00
22	do 4...	Alphonse Blondin.....	do ...	Lachine, Que.....	do	4 00
23	do 4...	Alex. McLaren.	do ...	Clarence, Ont	do	4 00
24	do 4...	Treffe Fist	do ...	Montreal	do ...	4 00
25	do 4...	John Gray	do ...	Hudson, Que	do	4 00
26	do 4...	Severt Robillard	Mate, str., minor inland waters.	Montreal, Que.....	do	2 00
27	do 4...	Jean Baptiste Labelle.....	Master, str., minor inland waters.	do	do	4 00
28	do 4...	Joseph Lauzon	do ...	Ste. Anne, Que. ...	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Address.	Address.	Where Examination was Passed.	Fee
	1884.					\$ ct
829	April 4...	Ferdinand Pilon	Master, str., minor inland waters.	Ste. Anne de Bellevue, Que.	Montreal.....	4
830	do 4...	Jos. Antoine Blanchard..	do ...	Montreal, Que.....	do	4
831	do 4...	Benjamin St. Denis	do ...	Ste. Anne, Que. ...	do	4
832	do 4...	Evariste Laforce....	do ...	Boucherville, Que.	do	4
833	do 4...	Hypolite Caien dit Potvin.	Mate, str., minor inland waters.	Longueuil, Que. ...	do	2
834	do 4...	Michel Lefebvre	Master, str., minor inland waters.	Pointe Claire, Que.	do	4
835	do 4...	Louis Labonte.....	do ...	Montreal, Que	do	4
836	do 4...	Owen Ernest Owens.	do ...	Stonefield, Que.....	do	4
837	do 4...	Belonie Lalonde	Mate, str., minor inland waters.	Montreal, Que.....	do	2
838	do 4...	Zénon Lafrance, jun.....	Mate, str., inland waters.	Cedars, Que.....	do	2
839	do 4...	Louis Hilarion Roy	Master, str., minor inland waters.	Montreal, Que.....	do	4
840	do 4...	Robert Nelson	do ...	Sorel, Que.	do	4
841	do 4...	James Lefebvre	Mate, str., inland waters.	Montreal, Que.....	do	2
842	do 4...	Theodule Lepine.....	Master, str., minor inland waters.	Pointe Claire, Que	do	4
843	do 4...	Wm. Frank Halcro.....	do ...	Hudson, Que.....	do	4
844	do 4...	Robt. Dowling Smith....	Master, str., inland waters.	Montreal, Que	do	4
845	do 4...	Evangeliste Gauthier....	Mate, str., minor inland waters.	Vaudreuil, Que. ...	do	2
846	do 4...	Hermidas Rabeau.....	do ...	Lachine, Que.....	do	2
847	do 4...	France Pilon	Master, str., minor inland waters.	Ste. Anne, Que ...	do	4
848	do 4...	François Xavier Brasseur	do ...	Isle Perrot, Que....	do	4
849	do 4...	Lucien Maltt	Mate, str., minor inland waters.	Montreal, Que.....	do	2
850	do 4...	Napoleon Mallette.....	Master, str., minor inland waters.	Ste. Marthe, Que..	do	4
851	do 4...	Wm. Duncan	do ...	Montreal, Que.....	do	4
852	do 4...	Napoleon Poitras	do ...	Carillon, Que.....	do	4
853	do 4...	Thos. Johnston	Master, str., inland waters.	St. Henri, Que.....	do	4
854	do 5...	Adolphe Dubord	Master, str., minor inland waters.	Montreal, Que	do	4
855	do 4...	Felix Salois	do ...	Sorel, Que.....	do	4
856	do 4...	Moise Francoeur.....	Master, str., inland waters.	.....	.....	4

List of Certificates of Competency and Service granted to Masters and Mates of
Inland Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
357	April 4...	Remi Godin	Master, str., minor inland waters.	Sorel, Que.....	Montreal.....	4 00
358	do 5...	Samuel Filgate	do ..	Montreal, Que	do	4 00
359	do 5...	John McGrath.....	Mate, str., inland waters.	Dorval, Que.....	do	2 00
360	do 5...	Pierre Sylvain	Master, str., inland waters.	Montreal, Que	do	4 00
361	do 5...	Henry Wm. Shepherd ...	.....	do	do	4 00
362	do 5...	Jos. Larivière	Master, str., minor inland waters.	St. Ann's.....	do	4 00
363	do 5...	Jas. Park, jun	do ..	Hudson, Que.....	do	4 00
364	do 5...	Octave Roussin	Mate, str., minor inland waters.	Oka, Que.....	do	2 00
365	do 5...	Peter McGowan	Master, str., minor inland waters.	Como, Que	do	4 00
366	do 5...	James Stewart.....	do ..	Beauharnois, Que.	do	4 00
367	do 5...	Napoleon Vallee.....	do ..	Rigaud, Que.....	do	4 00
368	do 5...	Louis Fortin.....	do ..	Montreal, Que	do	4 00
369	do 4...	Remi Lepine	do ..	Point Claire, Que.	do	4 00
370	do 5...	Benoit Rabeau	do ..	Plantagenet, Ont..	do	4 00
371	do 5...	Charles Bourdoys	do ..	Longueuil, Que....	do	4 00
372	do 5...	Edmond Robinault.....	do ..	Valleyfield, Que ..	Beauharnois...	4 00
373	do 5...	Olivier Patenaude	Mate, str., inland waters.	Melocheville, Que.	do ..	2 00
374	do 5...	Clovis Daigneault	do ..	do ..	do ..	2 00
375	do 5...	David Lalonde.....	Mate, str., minor inland waters.	Beauharnois, Que..	do ..	2 00
376	do 5...	Narcisse Lafrance	Mate, str., inland waters.	St. Timothy, Que..	do ..	2 00
377	do 5...	Wm. Patenaude	do ..	Beauharnois, Que .	do ..	2 00
378	do 5...	Hans Peter Lawson.....	Master, str., minor inland waters.	Severn Bridge	Collingwood..	4 00
379	do 5...	Wm. Robinson.....	do ..	Penetanguishene, Ont.	do ..	4 00
380	do 5...	Wm. O'Donnell.....	Master, str., minor inland waters, and fore and aft, inland waters.	do ..	do ..	4 00
381	do 5...	Barnard Wm. Morgan....	Master, fore and aft, inland waters.	do ..	do ..	4 00
382	do 5...	Alex. Birnie	do ..	Collingwood, Ont.	do ..	4 00
383	do 5...	George Henry Playter....	Mate, str., inland waters.	do ..	do ..	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
884	April 5...	Jno. Joseph Kyle.....	Mate, str., minor inland waters.	Orilla, Ont.....	Collingwood..	2 00
885	do 5...	Alex. Brown.....	Mate, str., inland waters.	Collingwood, Ont.	do ...	2 00
886	do 5...	Jas. Silversides	Mate, fore and aft, inland waters.	Collingwood, Ont.	do ...	2 00
887	do 5...	David Burk.....	Master, str., minor inland waters.	Maitland, Ont.....	do ...	4 00
888	do 5...	Benj. Williamson.....	Mate, fore and aft, inland waters.	Collingwood, Ont.	do ...	2 00
889	do 5...	James Talbot Fagan	do ...	do ...	do ...	2 00
890	do 5...	John Wharry	do ...	Port Dover, Ont....	do ...	2 00
891	do 5...	Atchason Kerr.....	Master, str., minor inland waters.	Orillia, Ont.....	do ...	4 00
892	do 5...	R. Armstrong Elliott.....	do ...	Portland, N.B.....	St. John.....	4 00
893	do 5...	John Nairn	do ...	Pictou Landing, N.S.	Halifax.....	4 00
894	do 5...	Simon Jos. Chandler.....	Master, fore and aft, coasting.	Liverpool, N.S.....	Liverpool.....	4 00
895	do 5...	Geo. Peach Smith.....	do ...	do	do	4 00
896	do 5...	Robt. Smith	do ...	Hantsport, N.S. ...	do	4 00
897	do 5...	Edward Jas. Ross.....	Master, str., minor inland waters.	Rothsay, N.S.....	St. John.....	4 00
898	do 5...	Patrick Gallagher.	do ...	Portland, N.B.....	do	4 00
899	do 5...	Henry Steves French.....	do ...	do	do	4 00
900	do 5...	Zacharie D'Eon.....	Master, fore and aft, coasting.	Pubnico, N.S.....	Yarmouth....	4 00
901	do 5...	Mark Abel Surette	do ...	do	do	4 00
902	do 5...	Edwin Clemento.....	Master, str., coasting.	Yarmouth, N.S.....	St. John.....	4 00
903	do 5...	Blair Giles Carter.	Master, fore and aft, coasting.	Maccan, N.S.....	do	2 00
904	do 5...	Elias Albert Milberry....	do ...	St. Martins, N.B....	do	4 00
905	do 5...	Solomon Robt. Weldon...	do ...	Portland, N.B.....	do	4 00
906	do 5...	David Bostwick.....	do ...	Wickham, N.B.....	do	4 00
907	do 5...	George H. Perry.....	do ...	Johnston, N.B.....	do	4 00
908	do 5...	Alfred Ells	do ...	St Martins, N.B....	do	4 00
909	do 5...	Jas. Mitchell Lowe.....	do ...	River Hebert, N.S.	do	4 00
910	do 5...	Jas. Edward Howard.....	do ...	St. John, N.B.....	do	4 00
911	do 5...	D. Manchester Pidgeon...	Master, str., minor inland waters.	Carleton, N.B.....	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
12	April 5...	E. Ambrose Dunphy.....	Master, fore and aft, coasting.	Liverpool, N.S.....	Liverpool.....	4 00
13	do 5...	Adolph Frank Wouters...	Mate, str., coasting	Victoria, B.C.....	Victoria.....	2 00
14	do 5...	Colin Clunes	Master, str., coasting.	do	do	4 00
15	do 5...	Niels Moos.....	do ..	do	do	4 00
16	do 5...	George W. Cavin.....	Master, str., coasting.	Victoria, B.C.....	Victoria	4 00
17	do 5...	Wm. Owen.....	Mate, str., coasting	do	do	2 00
18	do 5...	Wm. Ettershank	Master, str., coasting.	James' Bay, B.C...	do	4 00
19	do 5...	David Knock.....	Master, square rig, coasting.	Lunenburg, N.S...	Lunenburg....	4 00
20	do 5...	Anthony Heckman...	Master, fore and aft, coasting.	LaHave, N.S.....	do	4 00
21	do 5...	Peter Heisler.....	do ..	Lunenburg, N.S....	do	4 00
22	do 7...	Finlay McPherson.....	Master, steamer, inland waters.	Goderich, Ont	Goderich.....	4 00
23	do 7...	Thos. Nathaniel Dancey.	Master, steamer, and also fore and aft, inland waters.	do	do	4 00
24	do 7...	Alex. Murray MacGregor	do ..	do	do	4 00
25	do 7...	John Thorburn.....	do ..	Kincardine, Ont...	do	4 00
26	do 7...	John McPherson.....	do ..	Lucknow	do	4 00
27	do 7...	John McCarthur	do ..	Goderich, Ont.....	do	4 00
28	do 7...	Andrew Bogie	do ..	do	do	4 00
29	do 7...	John McNeil.....	Mate, steamer, inland waters.	do	do	2 00
30	do 7...	Marcellin Robinault.	Master, str., minor inland waters.	Valleyfield, Que...	Beauharnois, Que.	4 00
31	do 7...	Antoine Monpetit.....	Mate, steamer, inland waters.	Beauharnois, Que..	do ..	2 00
32	do 7...	Joseph Lafrance.....	Mate, str., minor inland waters.	St. Timothy, Que..	do ..	2 00
33	do 7...	Roger Boyer.....	Master, str., minor inland waters.	Valleyfield, Que...	do ..	4 00
34	do 7...	Fred. Monarque, jun.....	Mate, str., minor inland waters.	Melocheville, Que.	do ..	2 00
35	do 7...	Frank Patenaude.....	Mate, steamer, inland waters.	do ..	do ..	2 00
36	do 7...	Peter Legault.....	do ..	Isle Perrot, Que....	do ..	2 00
37	do 7...	Felex Robinault.....	Master, str., minor inland waters.	Melocheville, Que.	do ..	4 00
38	do 7...	Wm. Daoust.....	Mate, steamer, inland waters.	do ..	do ..	2 00
39	do 7...	Alex. Cole.....	Master, fore and aft, coasting.	Dorchester, N.B....	St. John.....	4 00
40	do 7...	Albert Jas. Foster.....	do ..	Alma, N.B.....	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—Continued.

No of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1883.					\$ cts.
941	April 7...	James Robt. Granville...	Master, fore and aft, coasting.	Portland, N.B.....	St John.....	4 00
942	do 7...	Robt. Harry McLean.....	do ...	St. Martins, N.B...	do	4 00
943	do 7...	Eyln Norris.	do ...	do ...	do	4 00
944	do 7...	Lawrence Jno. Melonson	do ...	Joggins Mines, N.S	do	4 00
945	do 7...	Dixon Oulton.....	Master, str., minor inland waters.	Chatham, N.B.....	do	4 00
946	do 7...	James E. Estabrooks.....	do ...	St. John, N.B.....	do	4 00
947	do 7...	Daniel F. Taply.....	do ...	Portland, N.B.....	do	4 00
948	do 7...	James Wilson Smythe..	Mate, fore and aft, coasting.	Parrsboro', N.S....	Parrsboro'	2 00
949	do 7...	Eugene Edw. Jenks.....	do ...	do ...	do	2 00
950	do 7...	Jno. Joseph Pearson.....	Mate, str., inland...	Owen Sound, Ont	Owen Sound...	2 00
951	do 7...	John Sidley.	Master, str., inland.	do ...	do ...	4 00
952	do 7...	Alexander Peters.....	Master, str., inland.	Windsor, Ont.....	do ...	4 00
953	do 7...	Peter McNab.....	do ...	Owen Sound, Ont.	do ...	4 00
954	do 7...	Wm. Tate Robertson.....	do ...	do ...	do ...	4 00
955	do 7...	John McNab.....	do ...	do ...	do ...	4 00
956	do 7...	John Simpson.....	Master, fore and aft and str., inland.	do ...	do ...	4 00
957	do 7...	Alex. J. Cameron.....	do ...	do ...	do ...	4 00
958	do 7...	Edwin Dunn.....	do ...	do ...	do ...	4 00
959	do 7...	Angus Macaulay.....	do ...	Southampton, Ont.	do ...	4 00
960	do 7...	Jno. Chas. McLeod.....	do ...	do ...	do ...	4 00
961	do 7...	Simon Andrew Johnston.	Mate, str., inland...	Owen Sound, Ont.	do ...	2 00
962	do 7...	Chas. Odium Hill.....	do ...	do ...	do ...	2 00
963	do 7...	Harry James Spence.....	Master, fore and aft, inland.	Southampton, Ont	do ...	4 00
964	do 7...	Jas. Anthony Murphy...	Mate, fore and aft, inland.	Owen Sound, Ont	do ...	2 00
965	do 7...	Chas. Hawkins.....	do ...	do ...	do ...	2 00
966	do 7...	Hugh Urquhart.....	do ...	do ...	do ...	2 00
967	do 7...	Daniel McVicker.....	do ...	do ...	do ...	2 00
968	do 7...	W. H. Featherstonhaugh.	Master, str., minor, inland.	Midland, Ont.	do ...	4 00
969	do 7...	Wm. Arnott.....	do ...	Port Colborne, Ont	do ...	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
970	April 7...	James Andrew.....	Master, fore and aft, inland	Owen Sound, Ont.	Owen Sound...	4 00
971	do 7...	John Harold Spence.....	do ...	Southampton, Ont.	do ...	4 00
972	do 7...	George McDougall.....	Master, str., inland.	Owen Sound, Ont.	do ...	4 00
973	do 7...	Timothy Crowley.....	Master, fore and aft, inland.	do ...	do ...	4 00
974	do 7...	Jas. Ferguson Foote.....	Master, str., inland.	do ...	do ...	4 00
975	do 7...	George W. Simpson.	do ...	do ...	do ...	4 00
976	do 9...	William Chas. Wheeler..	Mate, fore and aft, inland waters ; also mate, ferry str. " River St. Lawrence."	Gananoque, Ont ...	Ottawa	2 00
977	do 10...	John Cadarette.....	Master, fore and aft, inland waters ; and also to take command of stn. barge "La Belle" between Chatham and Amherstb'rg.	Belle River, Ont...	Windsor	4 90
978	do 8...	Sanford Lamb.....	Master, fore and aft, coasting.	Diligent River, N.S	Parrsboro'.....	4 00
979	do 8...	Dudley Perley Walls.....	Master, str., minor inland waters	Chatham, N.B.....	St. John.....	4 00
980	do 8...	Robert McLean	do ...	Escuminac, N.B....	do	4 00
981	do 8...	John Edgett.....	Master, fore and aft, coasting.	Hillsboro', N B....	do	4 00
982	do 8...	Alfred Balser.....	do ...	do ...	do	4 00
983	do 8...	Samuel Weston.....	Master, str., minor inland waters.	St. John, N.B.....	do	4 00
984	do 8...	Simon A. Wilband.....	Mate, fore and aft, coasting.	Hopewell Cape, N.B.	do	2 00
985	do 8...	Finley McPherson..	Master, fore and aft, inland waters.	Goderich, Ont.....	Goderich	4 00
986	do 8...	Thomas Petrie.....	do ...	do	do	4 00
987	do 8...	James Baxter.....	do ...	do	do	4 00
988	do 8...	James Bogie.....	do ...	do	do	4 00
989	do 8...	Wm. S. McKay.....	do ...	do	do	4 00
990	do 8...	John McPherson	do ...	Lucknow, Ont	do	4 00
991	do 12...	James G. Smyth.....	do ...	Kingston, Ont.....	Kingston.....	4 00
992	do 8...	Henry Marlton.....	do ...	Goderich, Ont.....	Goderich.....	4 00
993	do 8...	William McLean.....	do ...	do	do	4 00
994	do 8...	William McKenzie	do ...	Kincardine, Ont ...	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
995	April 8.	James W. Green	Master, fore and aft, inland waters.	Goderich, Ont.....	Goderich.....	4 00
996	do 8...	Norman McDonald.....	do ...	do	do	4 00
997	do 8...	John McDonald.....	do ...	do	do	4 00
998	do 8...	William Robinson	do ...	do	do	4 00
999	do 8...	Andrew Bogie	do ...	do	do	4 00
1000	do 8...	Murdoch McDonald.....	do ...	do	do	4 00
1001	do 8...	James Johnston	do ...	do	do	4 00
1002	do 8...	Alfred Chambers	Master, str., minor inland waters.	do	do	4 00
1003	do 8...	John McKay.....	do ...	do	do	4 00
1004	do 8...	William Craig	do ...	do	do	4 00
1005	do 8...	John McSween.....	do ...	do	do	4 00
1006	do 8...	Francis Franch	Master, str., inland waters.	Goderich, Ont.....	do	4 00
1007	do 8...	James G. Parsons.....	do ...	do	do	4 00
1008	do 8...	Alex. Allen.....	Mate, str., inland waters.	Wallaceburg, Ont.	Windsor.....	2 00
1009	do 8...	Thos. F. Hayes	do ...	Amherstburg, Ont.	do	2 00
1010	do 8...	Fredk. D. Forrest.....	do ...	Sandwich, Ont....	do	2 00
1011	do 8...	Thomas Hagen.....	Mate, str., minor inland waters.	Bell River, Ont....	do	2 00
1012	do 8...	John Rourke.....	do ...	Chatham, Ont.....	do	2 00
1013	do 8...	Jas. Manning.....	do ...	Windsor, Ont.....	do	2 00
1014	do 8...	Wm. Aikin.....	do ...	Dresden, Ont.....	do	2 00
1015	do 8...	Albert Curtis.....	do ...	Windsor, Ont.....	do	2 00
1016	do 8...	Wm. King.....	do ...	Amherstburg, Ont.	do	2 00
1017	do 8...	Michl. Cassidy	do ...	Windsor, Ont.....	do	2 00
1018	do 8...	John Foster	do ...	do	do	2 00
1019	do 8...	Robt. Felan.....	Master, str., inland waters.	do	do	4 00
1020	do 8...	John M. Johnston.....	do ...	do	do	4 00
1021	do 8...	Wm. Allen	do ...	Walkerville, Ont..	do	4 00
1022	do 8...	Chas. H. Jenking.....	do ...	do ..	do	4 00
1023	do 8...	James R. Innis.....	do ...	Windsor, Ont.....	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
024	April 8...	Jno. Cornelius Burns.....	Master, str., inland waters.	Amherstburg, Ont.	Windsor.....	4 00
025	do 8...	Jas. Bond Forrest.....	do ...	Windsor, Ont.....	do	4 00
026	do 8...	Thos. McGowan	do ...	Amherstburg, Ont.	do	4 00
027	do 9...	James Dix.....	Master, fore and aft and str., inland waters.	Garden Island, Ont	Kingston	4 00
028	do 9...	Alex. Milligan	do ...	Kingston, Ont.....	do	4 00
029	do 9...	James Hanley.....	Master, str., inland waters.	do	do	4 00
030	do 9...	John Weston	Master, str., minor inland waters.	Windsor, Ont.....	Windsor.....	4 00
031	do 9...	John Edward Tobin.....	do ...	do	do	4 00
032	do 9...	David Flook.....	do ...	Chatham, Ont.....	do	4 00
033	do 9...	Wm. D. McRae	do ...	Wallaceburg, Ont.	do	4 00
034	do 9...	Wm. S. McLean.....	do ...	do ...	do	4 00
035	do 9...	Francis B. Hackett.....	do ...	Amherstburg, Ont.	do	4 00
036	do 9...	James H. Glass	Master, str., minor inland waters, and fore and aft, great inland waters.	Windsor, Ont.....	do	4 00
037	do 9...	George D. Horn	Master, str., minor inland waters.	do	do	4 00
038	do 9...	James Laframboise.....	do ...	Amherstburg, Ont.	do	4 00
039	do 9...	Amiel Cometet	do ...	Chatham, Ont.....	do	4 00
040	do 9...	Chester K. Glass.....	Mate, fore and aft, inland waters.	Windsor, Ont.....	do	2 00
041	do 9...	Theophile Michaud.....	do ...	do	do	2 00
042	do 9...	Wm. Allen	do ...	Garden Island, Ont	do	2 00
043	do 9...	Chas. Tufford	do ...	Windsor, Ont.....	do	2 00
044	do 9...	Peter Cassidy.....	do ...	do	do	2 00
045	do 9...	Henry Mitchell	Master, str., minor inland waters.	do	do	4 00
046	do 9...	Oliver Maisenville	do ...	Walkerville, Ont...	do	4 00
047	do 9...	James Carney	do ...	Windsor, Ont.....	do	4 00
048	do 9...	Geo. Wm. Shaw	do ...	Chatham, Ont.....	do	4 00
049	do 9...	Jno. Wilkinson.....	do ...	Windsor, Ont.....	do	4 00
050	do 9...	John Barnett	Mate, fore and aft, inland waters.	do	do	2 00

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts
1051	April 9...	Washington Walker.....	Master, str., minor inland waters.	Dresden, Ont.	Windsor.....	4 00
1052	do 9...	Wm. Forbes	do ...	Windsor, Ont.	do	4 00
1053	do 9...	Sylverter E. St. Amour...	do ...	Chatham, Ont.	do	4 00
1054	do 9...	James Tobin.....	do ...	Amherstburg, Ont.	do	4 00
1055	do 9...	James W. Taylor.....	do ...	Chatham, Ont.....	do	4 00
1056	do 10...	Thomas Crawford.....	Master, fore and aft, inland waters.	Wolf Island, Ont...	Kingston.....	4 00
1057	do 9...	Joseph Noble	Mate, fore and aft, inland waters.	Goderich, Ont.....	Goderich	2 00
1058	do 9...	John S. Martin	do ...	do	do	2 00
1059	do 9...	James Sutherland.....	do ...	do	do	2 00
1060	do 9...	Norman McIver	do ...	do	do	2 00
1061	do 9...	Angus McKay	do ...	do	do	2 00
1062	do 9...	Murdoch Buchanan.....	do ...	do	do	2 00
1063	do 9...	Wm. Baxter	do ...	do	do	2 00
1064	do 9...	Thos. N. Dancey.....	Master, fore and aft, inland waters.	do	do	4 00
1065	do 10...	John Morgan	do ...	Penetanguishene, Ont.	Windsor	4 00
1066	do 10...	Alex. Potter.....	Master, str., minor inland waters.	Kingston, Ont.....	Kingston.....	4 00
1067	do 10...	Timothy Hartnett.....	Master, fore and aft, inland waters.	do	do	4 00
1068	do 10...	John Paul	do ...	do	do	4 00
1069	do 10...	Alfred Eason	do ...	do	do	4 00
1070	do 12...	Ed. Lonsen Bass.....	Master, str., minor inland waters.	Gananoque, Que...	do	4 00
1071	do 10...	Jas. Sylvester Phillips...	Master, fore and aft, inland waters.	Garden Island, Ont	do	4 00
1072	do 10...	Robt. Bartley	do ...	Napanee, Ont	do	4 00
1073	do 10...	Wm. Thomas Lewis	do ...	Kingston, Ont.....	do	4 00
1074	do 10...	Wm. McKee	do ...	do	do	4 00
1075	do 10...	Scoller Lewis Spencer ...	do ...	do	do	4 00
1076	do 10...	Dexter Eccles	do ...	Wolfe Island, Ont3	do	4 00
1077	do 10...	Sam. Henry Phippen.....	do ...	Belleville, Ont.....	do	4 00
1078	do 10...	Frederick Wilson.....	do ...	Port Hope, Ont....	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—Continued.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
079	April 10...	Hiram Orlando Hitchcock	Master, str., minor inland waters.	Wolfe Island, Ont.	Kingston.....	4 00
080	do 10...	Rodeny Yott.....	Master, fore and aft, minor inl'd waters.	Belleville, Ont.....	do	4 00
091	do 10...	Walter Lamb	Master, fore and aft, inland waters.	Kingston, Ont.....	do	4 00
092	do 10...	James Miller.....	do	do	do	4 00
093	do 10...	James Cochran	do	do	do	4 00
094	do 10...	Jas. Alex. Kennedy.....	do	do	do	4 00
095	do 11...	Thos. Collins.....	Mate, str., inland waters.	do	do	2 00
096	do 10...	John McArthur.....	Master, fore and aft, inland waters.	do	do	4 00
097	do 10...	August Wm. Ellman.....	do	do	do	4 00
098	do 10...	John Marshall	do	do	do	4 00
099	do 10...	James Lofts	do	do	do	4 00
100	do 10...	John Irwin.....	do	do	do	4 00
101	do 10...	Ed. A. Booth, sen.....	do	do	do	4 00
102	do 10...	Joseph Dix, jun.....	do	do	do	4 00
103	do 11...	John Cornelius	do	do	do	4 00
104	do 11...	Michael Kennedy	Mate, str., inland waters.	do	do	2 00
105	do 11...	Theophilus F. Allen	Master, fore and aft, inland waters.	do	do	4 00
106	do 11...	John McCormick, sen....	Master, fore and aft, inland waters.	Kingston, Ont. ...	do	4 00
107	do 11...	John Bulch.....	Master, str., inland waters.	do	do	4 00
108	do 11...	John Henry Scott.....	do	do	do	4 00
109	do 11...	Wm. George Batten.....	Mate, str., inland waters.	Barriefield, Ont....	do	2 00
110	do 11...	George A. Brien	Master, fore and aft, inland waters.	Garden Island, Ont	do	4 00
111	do 11...	Frank Clarke.....	Master, str., inland waters.	Dickinson's Land- ing, Ont.	do	4 00
112	do 11...	George Crawford.....	do	Kingston, Ont.....	do	4 00
113	do 12...	John Henderson.....	Mate, str., inland waters.	Beauharnois, Que..	do	2 00
114	do 11...	Andrew Henry Miller ...	Master, str., minor inland waters.	Kingston, Ont.....	do	4 00
115	do 11...	Wm. Givens.....	Master, fore and aft, inland waters.	do	do	4 00
116	do 11...	Michl. Wilkes Bailey.. ...	Master, str., inland waters.	Coteau Landing, Que.	do	4 00

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No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1107	April 11...	Edward Beaupré.....	Master, fore and aft, inland waters.	Kingston, Ont.....	Kingston.....	4 00
1108	do 11...	Abraham Haines Malone.	Master, str. and fore and aft, inland waters.	Garden Island, Ont	do	4 00
1109	do 11...	Peter McGlade.....	Master, str., minor inland waters.	Kingston, Ont.....	do	4 00
1110	do 11...	Jas. Augustus McKeever.	Mate, str., inland waters.	Prescott, Ont.....	do	2 00
1111	do 12...	Wm. Adolphus Couson...	Master, fore and aft, inland waters.	Brighton, Ont.....	Brighton.....	4 00
1112	do 12...	Daniel Noonan.....	Master, str., minor inland waters.	Elgin, Ont.....	Kingston.....	4 00
1113	do 12...	James Martin	do	Kingston, Ont.....	do	4 00
1114	do 12...	John Jellett	do	Belleville, Ont.....	do	4 00
1115	do 12...	Thomas Gaskin.....	Master, str., inland waters.	Kingston, Ont.....	do	4 00
1116	do 12...	Nathaniel Allen.....	Master, fore and aft, inland waters.	Stella, Ont.....	do	4 00
1117	do 15...	Jno. A. McDonald	Master, str., inland waters.	Kingston, Ont.....	do	4 00
1118	do 16...	James Murray.....	do	do	do	4 00
1119	do 16...	Jos. Murray.....	do	do	do	4 00
1120	do 18...	Jeremiah De Coste.....	Master, fore and aft, coasting.	Harbor au Bouche, N.S.	Pictou.....	4 00
1121	do 12...	Alfred Eccles.....	Master, fore and aft, inland waters.	Belleville, Ont.....	Kingston..	4 00
1122	do 15...	Duncan McDonald	do	Wolfe Island, Ont.	do	4 00
1123	do 15...	Wm. Scott.....	Master, str., minor inland waters.	Bedford Mills, Ont.	do	4 00
1124	do 15...	John Sughrue, sen.....	do	Darcy, Ont.....	do	4 00
1125	do 15...	Wm. Ada.....	Master, str., inland waters.	Kingston, Ont.....	do	4 00
1126	do 15...	John Sughrue, jun.....	Master, str., minor inland waters.	do	do	4 00
1127	do 15...	Stephen Tyo	Master, fore and aft and str., inland waters.	do	do	4 00
1128	do 15...	Chas. J. Martin.....	Master, str., minor inland waters.	do	do	4 00
1129	do 15...	John Y. Spowell.....	Mate, fore and aft, inland waters.	do	do	2 00
1130	do 15...	John Bushell.....	Mate, str., inland waters.	do	do	2 00
1131	do 15...	Anthony Larush.....	Mate, fore and aft, inland waters.	Wolfe Island, Ont.	do	2 00
1132	do 15...	Wm. Sughrue.....	Mate, str., minor inland waters.	Howe Island, Ont.	do	2 00
1133	do 15...	John McCormick.....	Mate, str., inland waters.	Wolfe Island, Ont.	do	2 00
1134	do 15...	Francis Albert Forsyth...	do	Kingston, Ont.....	do	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
35	April 15...	Matthew Patterson.....	Master, fore and aft, inland waters.	Kingston, Ont.....	Kingston	4 00
36	do 15...	John H. Yott.....	do	Rednorville, Ont...	do	4 00
37	do 15...	Coleman Hinckley, sen...	Master, str, minor inland waters.	Kingston, Ont.....	do	4 00
38	do 15...	Joseph Ache.....	Mate, fore and aft, inland waters.	Garden Island, Que	do	2 00
39	do 15...	Anthony Rogers.....	do	Kingston, Ont., ..	do	2 00
40	do 15...	John Black.....	do	do	do	2 00
41	do 15...	Michael Murray.....	Master, str., inland waters.	Elgin, Ont.....	do	4 00
42	do 15...	Francis Patterson.....	do	Kingston, Ont.....	do	4 00
43	do 15...	Samuel McBride	Mate, str., and fore and aft, inland waters.	do	do	2 00
44	do 15...	Wm. James Daly.....	Master, str., minor inland waters.	do	do	4 00
45	do 15...	James Crawford.....	Mate, fore and aft, inland waters.	Wolfe Island, Ont.	do	2 00
46	do 15...	Michael Nolan	Master, str., minor inland waters.	Kingston, Ont.....	do	4 00
47	do 15...	Xavier Lafrance	Master, str., inland waters.	Cedars, Que.....	do	4 00
48	do 15...	Andrew Dunlop	do	Kingston, Ont.....	do	4 00
49	do 15...	Coleman Hinckley, jun...	do	Cape Vincent, N.Y	do	4 00
50	do 15...	Henry Lafrance.....	Mate, str., inland waters.	Kingston, Ont.....	do	2 00
51	do 15...	Peter Moffatt Beaupre.....	Mate, fore and aft, inland waters.	do	do	2 00
52	do 15...	John Joseph Johnston..	do	do	do	2 00
53	do 15...	John Gaskin.....	Master, str., inland waters.	do	do	4 00
54	do 15...	Frederick Williamson...	Mate, fore and aft, inland waters.	do	do	2 00
55	do 15...	Wm. Hannay.....	Master, str., inland waters.	do	do	4 00
56	do 16...	Wm. Albut Lasha	Mate, str., minor inland waters.	Gananoque, Ont...	do	2 00
57	do 16...	Henry O'Hara	Mate, fore and aft, inland waters.	Kingston, Ont.....	do	2 00
58	do 16...	Samuel Fraser	Master, str. and fore and aft, inland waters.	do	do	4 00
59	do 16...	Joseph McKee	Mate, fore and aft, inland waters.	do	do	2 00
60	do 16...	Michael John O'Shea.....	do	do	do	2 00
61	do 16...	George F. Horne.....	do	do	do	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.— *Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fees
	1884.					5 c
1162	April 16...	James Gardner	Master, str, inland waters.	Kingston, Ont.....	Kingston.....	4
1163	do 16...	John Bedard.....	Mate, fore and aft, inland waters.	Gananoque, Ont...	do	2
1164	do 16...	James Eccles	do	Belleville, Ont	do	2
1165	do 16...	Robert Davis	Master, str., minor inland waters.	Kingston, Ont.....	do	4
1166	do 16...	Wm. James Hattan.....	Mate, str., minor inland waters.	do	do	2
1167	do 16...	Frank Thompson	Mate, fore and aft, inland waters.	do	do	2
1168	do 16...	James McCombe	do	do	do	2
1169	do 16...	Jno. McArthur	Mate, str., inland waters.	do	do	2
1170	do 16...	Jno. George Hurley.....	Master, str., minor inland waters.	do	do	4
1171	do 16...	Felix Compeau	Mate, fore and aft, inland waters.	Garden Island, Ont	do	2
1172	do 16...	Daniel Murphy.....	Master, str., minor inland waters.	Kingston, Ont.....	do	4
1173	do 9...	Edward Kennedy	Master, square rig, coasting.	Souris, P.E.I.	Halifax.....	4
1174	do 12...	Jas. Henry Glass	Master, fore and aft, inland waters.	Windsor, Ont.....	Windsor	4
1175	do 12...	Martin F. Fleming	do	do	do	4
1176	do 14...	Thos. Fenwick Taylor...	do ..	Kingston, Ont.....	do	4
1177	do 14...	John Cragg	do ..	Dresden, Ont.	do	4
1178	do 14...	Jas. Alonzo Dease	do ..	Port Rowan, Ont..	do	4
1179	do 15...	John Lee Goodearle.....	Master, str. and fore and aft, inland waters.	Kingston, Ont.	Kingston	4
1180	do 15...	John McCumskey	Mate, str., inland waters.	do	do	2
1181	do 16...	Wm. Henry Potter.....	Master, str., minor inland waters.	do	do	4
1182	do 14...	Ozias Barrett	Master, fore and aft, great inland waters.	Port Burwell, Ont.	Windsor	4
1183	do 14...	Dean Smith Webster.....	do ..	Windsor, Ont.....	do	4
1184	do 14...	Louis Sherlano	do ..	Chatham, Ont.....	do	4
1185	do 14...	Job Alex. Malott.....	do ..	Kingsville, Ont. ...	do	4
1186	do 16..	Louis Minaker Collier...	Master, str., minor inland waters.	Napanee, Ont.....	Kingston.....	4
1187	do 16...	George Titus.....	Mate, fore and aft, inland water.	Kingston, Ont.....	do	2
1188	do 16...	Charles Crowley.....	Master, steamer, inland waters.	do	do	4

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
1884.					\$ cts.
39 April 16...	Edward Smith.....	Master, str., minor inland waters.	Brewer's Mills, Ont	Kingston.....	4 00
40 do 16...	James Smith.....	do	do	do	4 00
41 do 16...	James Gormley.....	Mate, steamer, inland waters.	Kingston, Ont.....	do	2 00
42 do 16...	Robt. Crawford.....	Master, steamer, inland waters.	do	do	4 00
43 do 16...	Wm. Nawsaw Newell....	Mate, fore and aft, inland waters.	do	do	2 00
44 do 16...	Roderick Crysler Carter	Master, steamer, inland waters.	do	do	4 00
45 do 16...	Jno Caddell Irvine	do	Montreal, Que.....	do	4 00
46 do 17...	Christopher Gaskin.....	Mate, steamer, inland waters.	Kingston, Ont.....	do	2 00
47 do 12...	Thomas O'Connor.....	Master, str., minor inland waters.	do	do	4 00
48 do 17...	Reynolds B. McDonald...	Mate, str., minor inland waters.	do	do	2 00
49 do 17...	Hiram Marlow	do	Wolfe Island, Ont.	do	2 00
50 do 14...	Webster Augustus.....	Master, steamer, and fore and aft, inland waters.	Kingston, Ont.....	do	4 00
51 do 16...	Lebare Turcott.....	Mate, fore and aft, inland waters	do	do	2 00
52 do 14...	Jas. Benj. Estes.....	Master, steamer, inland waters.	do	do	4 00
53 do 12...	Wm. Simmons.....	Master, fore and aft, inland waters.	do	do	4 00
54 do 12...	Patrick Feherey.....	Mate, str., minor inland waters.	Belleville, Ont.....	do	2 00
55 do 12...	Chas. Wesley Farrington	Master, fore and aft, inland waters.	do	do	4 00
56 do 17...	Thos. Nelson Mackay....	Mate, fore and aft, inland waters.	Wolfe Island, Ont.	do	2 00
57 do 12...	Edward A. Book, jun....	do	Kingston, Ont.....	do	2 00
58 do 12...	Wm. Dandy.....	Master, fore and aft, inland waters.	do	do	4 00
59 do 12...	Henry Esford.....	Mate, steamer, inland waters.	do	do	2 00
60 do 12...	Ozée Lantier.....	do	Clayton, N.Y.....	do	2 00
61 do 12...	Nicholas Stark.....	Master, fore and aft, inland waters.	Windsor, Ont.....	Windsor.....	4 00
62 do 12...	Ephrem Martin	Mate, steamer, inland waters.	Garden Island, Ont	Kingston	2 00
63 do 12...	Wm. John Watkins.....	Mate, fore and aft, inland waters.	Belleville, Ont.....	do	2 00
64 do 12...	John Geoghegan.....	Master, fore and aft and steamer, inland waters.	Kingston, Ont.....	do	4 00
65 do 12...	Wm. Cope Rothwell.....	Master, str., minor inland waters.	do	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ ct.
1216	April 12...	Willard Stevens.....	Mate, fore and aft, inland waters.	Kingston, Ont.....	Kingston	2 0
1217	do 12...	Frank Lawrence.....	do ...	Garden Island, Ont	do	2 0
1218	do 12...	John Hilyard Davis.....	Master, str., minor inland waters.	Gananoque, Ont...	do	4 0
1219	do 12...	David Lefevre.....	do ...	Garden Island, Ont	do	4 0
1220	do 12...	John Boyd	Master, str, inland waters.	Kingston, Ont	do	4 0
1221	do 12...	Wm. Corrigan ...	Master, str., minor inland waters.	do	do	4 0
1222	do 12...	David Daniel Bates.....	Master, fore and aft, inland waters.	do	do	4 0
1223	do 12...	John Saunders	do ...	do	do	4 0
1224	do 12...	Nicholas Henderson	Mate, fore and aft, inland waters.	do	do	2 0
1225	do 17...	James Markey.....	do ...	Cobourg, Ont.....	Cobourg.....	2 0
1226	do 17...	James McKendry.....	do ...	do	do	2 0
1227	do 17...	John Butler	Master, fore and aft, inland waters.	do	do	4 0
1228	do 17...	Patrick O'Hara	Mate, fore and aft, inland waters.	do	do	2 0
1229	do 17...	James Butler.....	do ...	do	do	2 0
1230	do 17...	William O'Rourke	do ...	do	do	2 0
1231	do 17...	Thomas Conroy	Master, fore and aft, inland waters.	Colborne, Ont.....	do	4 0
1232	do 17...	George O'Brien	do ...	Picton, Ont.....	do	4 0
1233	do 19...	Rufus Oxner.....	Master, fore and aft, coasting.	Lower LaHave, N.S	Halifax.....	4 0
1234	do 19...	Benj. Edwin Reinhardt..	do ...	Getson's Cove, N.S	do	4 0
1235	do 19...	Jethro Goodick	do ...	Shelburne, N.S....	do	4 0
1236	do 19...	Andrew Harris Gibson...	do ...	Canning, N.S.....	do	4 0
1237	do 19...	Arthur Marvin.....	Master, square rig, coasting.	Halifax, N.S.....	do	4 0
1238	do 19...	James Edward Mann.....	Master, fore and aft, coasting.	Port Medway, N.S.	do	4 0
1239	do 19...	Nathan Swaine.....	do ...	North-East Har- bour, N.S.	do	4 0
1240	do 19...	James Oscar Nauss.....	do ...	Mahone Bay, N.S...	do	4 0
1241	do 19...	Lockman Allen	do ...	Port Greville, N.S.	Parrsboro'.....	4 0
1242	do 18...	Angus Ferguson.....	Master, str., coast- ing.	Louisburg, C.B....	Halifax.....	4 0
1243	do 19...	Wm. Frs. Conlon	Master, fore and aft, coasting.	Parrsboro', N.S. ...	Parrsboro'.....	4 0

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
44	April 19...	Leopold Ab. Brown.....	Mate, fore and aft, coasting.	Parrsboro', N.S. ...	Parrsboro'	2 00
45	do 19...	Henry Wm. Hatfield.....	do ...	Port Greville, N.S.	do	2 00
46	do 19...	Henry Jas. Cloney.....	Master, fore and aft, coasting.	Parrsboro', N.S. ...	do	4 00
47	do 19...	Richd. Benj. Smith	do ...	New Carlisle, Que.	New Carlisle...	4 00
48	do 19...	Fabien Landry	do ...	Carleton, Que.	do ...	4 00
49	do 19...	James Delaney.....	do ...	New Carlisle, Que.	do ...	4 00
50	do 19...	Alfred LeBraceur	do ...	Paspebiac, Que. ...	do ...	4 00
51	do 22...	Henry Staley	Mate, fore and aft, inland waters.	Kingston, Ont.	Kingston	2 00
52	do 19...	Clifford Patterson	Master, fore and aft, coasting.	Shulee, N.S.	St. John.	4 00
53	do 19...	Leon D'Eon	do ...	Pubnico, N.S.	Yarmouth	4 00
54	do 19...	Louis D'Eon.....	do ...	do	do	4 00
55	do 19...	Chas. Henry Grylls	Master, str., minor inland waters.	Lakefield, Ont.	Peterboro'	4 00
56	do 19...	Charles Staines.....	Master, fore and aft, coasting.	New Carlisle, Que.	New Carlisle ..	4 00
57	do 18...	Everett Ells	Mate, fore and aft, coasting.	Canning, N.S.	Parrsboro'	2 00
58	do 18...	John Delaney	do ...	New Carlisle, Que.	New Carlisle ..	2 00
59	do 18...	Wm. Lawlor.....	Master, str., minor inland waters.	Hawkesbury Village.	Ottawa.....	4 00
60	do 18...	Alex'r L. De Grace	do ...	Chatham, N.B.	St. John.....	4 00
61	do 21...	Clemon Courtemarche...	do ...	Peterboro', Ont. ...	Peterboro'	4 00
62	do 21...	Wm. Huckabone.....	Mate, str., minor inland waters.	Pembroke, Ont.	Ottawa.....	2 00
63	do 21...	David Mulligan.....	Master, str., minor inland waters.	do	do	4 00
64	do 21...	Nazaire Emond	do ...	Allumette Island...	do	4 00
65	Mar. 24...	Edouard Lessard	Master, str., coasting.	Berthier, <i>en bas</i> , Que.	Quebec	4 00
66	April 21...	Thomas Draper	Master, str., minor inland waters.	Pembroke, Ont.	Ottawa	4 00
67	do 21...	Thomas Dunbar	do ...	do	do	4 00
68	do 21...	John Ellis.....	do ...	Arnprior, Ont.	do	4 00
69	do 21...	John L. Murphy	do ...	Pembroke, Ont.	do	4 00
70	do 21...	Jno. McIntosh	do ...	Portage du Fort, Que.	do	4 00
71	do 21...	Ovide Blondin.....	do ...	Bryson, Que	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	When Examination was Passed.	Fee.
						\$ cts
1272	April 21...	Philip Toner.....	Master, str., minor inland waters.	Portage du Fort, Que.	Ottawa.....	4 00
1273	do 21...	Joseph Ricard	do .....	.....	do	4 00
1274	do 21...	Octave Blondin	do	Bryson, Que	do	4 00
1275	do 21...	Wm. Jas. Murphy	do	Morrisburg, Ont....	do	4 00
1276	do 21...	Wm. Jas. Daly.....	do	Prescott, Ont.....	Prescott.....	4 00
1277	do 21...	Jas. B. McMillan.....	do	Dundee, Que.....	do	4 00
1278	do 21...	Albert Reynolds.....	do	Brockville, Ont....	do	4 00
1279	do 21...	James Chestnut.....	Master, str., inland waters.	St. Catharines, Ont	Ottawa.....	4 00
1280	do 21...	Geo. Henry Postlethwaite	Mate, str., minor inland waters.	Lakefield, Ont.....	Peterborough.	2 00
1281	do 21...	Isaac Plumb.....	Master, str., minor inland waters.	Prescott, Ont.....	Prescott.....	4 00
1282	do 21...	Wm. Alex. Russell.....	do	do	do	4 00
1283	do 21...	Michael Grier, jun.....	Mate, str., minor inland waters.	Peterborough, Ont	Cobourg.....	2 00
1284	do 21...	Léon Dion.....	Master, str., minor inland waters.	do	do	4 00
1285	do 21 ..	Robt. Worden Carson...	do	do	do	4 00
1286	do 21...	John Tobin, jun.....	Mate, str., minor inland waters.	do	do	2 00
1287	do 22...	John A. Carnegie.....	Master, str., minor inland waters.	Rockport, Ont	Ottawa.....	4 00
1288	do 22...	Alex. Smallman.....	do	Dundee, Que.....	Prescott.....	4 00
1289	do 22...	Thos. A. Howard.....	do	Belleville, Ont.....	Kingston.....	4 00
1290	do 23...	Ferdinand Jodoin.....	do	Longueuil, Que...	Montreal.....	4 00
1291	do 23...	Paul Bougie	Mate, str., minor inland waters.	Valleyfield, Que...	Montreal.....	2 00
1292	do 23...	Daniel Rankin.	Master, str., inland waters.	Montreal, Que.....	do	4 00
1293	Mar. 14...	Wm. Light	Master, str. and fore and aft, inland waters.	Vienna, Ont.....	Toronto	4 00
1294	April 22...	James Mitchell.....	Master, fore and aft, inland waters.	Kingston, Ont.....	Kingston.....	4 00
1295	do 22...	Henry Covert.....	do	Belleville, Ont.....	do	4 00
1296	do 22...	John Rowe	Master, str., minor inland waters.	Deseronto, Ont....	do	4 00
1297	do 22...	Wm. McQuillan.....	Master, fore and aft, inland waters.	St. Catharines, Ont	St. Catharines	4 00
1298	do 22...	John Laque.....	Mate, fore and aft, inland waters.	Dickinson's Land- ing, Ont.	do	2 00
1299	do 22...	Robt. Cannalley	Master, str., inland waters.	Sarnia, Ont.....	do	4 00

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
000	April 22...	John Grey	Mate, fore and aft, inland waters.	Kingston, Ont.....	Kingston.....	2 00
001	do 22...	Thomas Boyle.....	Master, fore and aft, inland waters.	St. Catharines, Ont	St. Catharines	4 00
002	do 23...	Frank Melancon	Master, fore and aft, coasting.	Grosses Ocques, N.S.	Weymouth....	4 00
003	do 23...	Allen Craig.....	Master, square rig, coasting.	Lockeport, N.S....	Halifax.....	4 00
004	do 23...	Bradford Page Thorbourn	Master, fore and aft, coasting.	Shelburne, N.S....	Shelburne.....	4 00
005	do 23...	Danl. Norman Messinger	do	Barton, N.S.....	Weymouth....	4 00
006	do 23...	David Wm. Stilwall.....	Master, str, minor inland waters.	St. John, N.B.....	St. John.....	4 00
007	do 23...	Uriah Walter Falt	Master, fore and aft, coasting.	Petite Rivière, N.S.	Lunenburg ...	4 00
008	do 18...	John Corrigan	Master, str., minor inland waters.	Pembroke, Ont....	Ottawa.....	4 00
009	do 18...	Wm. James Gordon.....	Master, fore and aft, inland waters.	Simcoe, Ont.....	Toronto.....	4 00
010	do 18...	Thos. Johnston	Master, str., minor inland waters.	St. John, N.B.....	St. John.....	4 00
011	do 18...	Jno. Smith Miller.....	do	Prescott, Ont.....	Prescott.....	4 00
012	do 18...	Robt. Carnegie	do	Rockport, Ont.....	Ottawa.....	4 00
013	do 18...	Richard Cook.....	do	Brockville, Ont....	do	4 00
014	do 18...	Thos. Jos. Lacret.....	do	Nipissing, Ont.....	do	4 00
015	do 18...	Asa. R. Gamble	Mate, str., minor inland waters.	do	do	2 00
016	do 19...	Wellington Green	do	do	do	2 00
017	do 19...	John Coolahan	Master, square rig, inland waters.	Toronto, Ont.....	Toronto	4 00
018	do 19...	Alex. Martin.....	Mate, square rig, inland waters.	do	do	2 00
019	do 19...	Jeremiah Cavanaugh.....	do	Cobourg, Ont ...	do	2 00
020	do 19...	Alex. Anderson	Master, fore and aft, inland waters.	St. Catharines, Ont	do	4 00
021	do 19...	David Foster	Master, str. and square rig, inland waters.	Port Burwell, Ont.	do	4 00
022	do 19...	Wm. Wood	Master, str. and fore and aft, in- land waters.	Hamilton, Ont.....	do	4 00
023	do 19...	Jno. Irvine	Mate, fore and aft, inland waters.	do	do	2 00
024	do 19...	Gordon Kean	Master, fore and aft, inland waters.	Port Dalhousie, Ont	do	4 00
025	do 19...	Chas. Wells.....	Master, str., minor inland waters.	Ogdensburg, N.Y.	Ottawa.....	4 00
026	do 24...	Jno. Jas. Daley.....	Master, fore and aft, inland waters.	Hamilton, Ont.....	St. Catharines.	4 00
027	do 24...	Wm. Hardy Morden.....	do	Oakville, Ont.....	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates
Inland and Coasting Vessels, &c.—Continued.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.
	1884.				
1328	April 24...	Wm. Connor.....	Master, fore and aft, inland waters.	St. Catharines, Ont.	St. Catharines
1329	do 24...	Andrew Walsh.....	do	do	do
1330	do 24...	Geo. Mackey.....	do	do	do
1331	do 24...	Peter Jno. Nelson.....	do	do	do
1332	do 24...	Jeremiah O'Leary	do	do	do
1333	do 24...	Hugh Jos. Hagan.....	do	do	do
1334	do 24...	Wm. Jos. McAvoy.....	do	do	do
1335	do 24...	Geo. Brooks.....	do	Port Dalhousie, Ont.	do
1336	do 24...	Thos. Alex. Stewart	do	Port Dalhousie, Ont.	do
1337	do 24...	Alex. Milligan, jun.....	do	St. Catharines, Ont.	do
1338	do 24...	John Read	do	Port Dalhousie, Ont.	do
1339	do 24...	Geo. Stewart	do	do	do
1340	do 24...	Jno. Alex. Muir	do	do	do
1341	do 24...	Sylvester Prince	do	St. Catharines, Ont.	do
1342	do 24...	Jas. Robinson	do	do	do
1343	do 23...	Jas. McIntosh	Master, str., coast- ing trade.	Victoria, B.C.....	Victoria
1344	do 23...	Henry Smith.....	do	Moodyville, Bur- rard Inlet, B.C.	do
1345	do 23...	Alex. McKinnon	do	Beren's Island Lighthouse, B.C.	do
1346	do 23...	Asberry Insley	do	New Westminster, B.C.	do
1347	do 23...	Jas. Christensen.....	do	Victoria, B.C.....	do
1348	do 23...	Wm. Scott	do	do	do
1349	do 23...	Severinus Aug. Graves...	Master, fore and aft, coasting trade.	Margaretsville, N.S.	Cornwallis ...
1350	do 24...	Wm. Henry Steeves	do	Hillsborough, N.B.	St. John.....
1351	do 24...	Geo. T. Mullin.....	do	Portland, N.B.....	St. John.....
1352	do 24...	Daniel Wilson	do	do	do
1353	do 24...	David Phillips.....	do	Shulie, N.S.	do
1354	do 24...	Wilton Fred. Flewelling	do	Carleton, N.B.....	do
1355	do 24...	Hans Halvorsen	Master, str., minor inland waters.	Newcastle, N.B....	do

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Inland and Coasting Vessels, &c.—Continued.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
356	April 24...	Jno. Patterson.....	Master, fore and aft, coasting trade.	Shulie, N.S.	St. John.....	4 00
357	do 24...	Fred. Wm. Crossley.....	Mate, fore and aft, coasting trade.	Cheverie, N.S.....	Halifax.....	2 00
358	do 24...	Leigh Richmond Manning	Master, square rig, coasting trade.	Bridgewater, N.S..	Lunenburg	4 00
359	do 24...	Josiah Weagle	do ...	La Have, N.S.....	do	4 00
360	do 24...	Herbert Warner.	Master, fore and aft, coasting trade.	Plympton, N.S.....	Halifax	4 00
361	do 24...	Chas. W. Adams	do ...	Brighton, N.S.	do	4 00
362	do 24...	Marsden Bethel	do ...	Port La Tour, N.S.	do	4 00
363	do 24...	Jeremiah Gayton.	Master, square rig, coasting trade.	Lower Argyle, N.S.	Yarmouth	4 00
364	do 24...	Jas. B. Doherty	Master, fore and aft, coasting trade.	Sackville, N.B.....	St. John.....	4 00
365	do 24...	Albert Young.....	do ...	Lunenburg, N.S....	Lunenburg.....	4 00
366	do 24...	Jas. Wilfred Forster.....	do ...	Richibucto, N.B....	St. John.....	4 00
367	do 24...	Valentine E. Evans.....	Master, str., coasting.	Sackville, N.B.	do	4 00
368	do 24...	Jas. Edwin Brown.....	Master, fore and aft, coasting.	Parrsboro', N.S....	Parrsboro',	4 00
369	do 24...	Norman Wilford Chute...	do ...	Bear River, N.S....	Halifax.....	4 00
370	do 24...	Wm. H. Baxter.....	do ...	Canning, N.S.	do	4 00
371	do 24...	Peter Holmes.....	Master, str., coasting.	Victoria, B.C.....	Victoria.....	4 00
372	do 24...	Jno. Irving.....	Master, str., inland waters.	do	do	4 00
373	do 24...	Wm. Henry McDonald ...	Master, fore and aft, coasting.	Big Bras d'Or, C.B.	Sydney.....	4 00
374	do 24...	Geo. Brown	Master, str., coasting.	Victoria, B.C.	Victoria	4 00
375	do 24...	Amos Gates Potter.....	Master, fore and aft, coasting.	Clementsport, N.S.	Yarmouth	4 00
376	do 24...	Henry Moore.....	Master, str., minor inland waters.	New Westminster, B.C.	Victoria.....	4 00
377	do 24...	Dwight Ruggles.....	Master, fore and aft, coasting.	Barton, N.S.....	Halifax.....	4 00
378	do 24...	Wm. Domingo Moore.....	Master, str., coasting.	Victoria, B.C.....	Victoria	4 00
379	do 23...	George Murray	Master, fore and aft, inland waters.	Kingston, Ont.....	Kingston.....	4 00
380	do 23...	John Allen.....	Mate, str., minor inland waters.	Fredericton, N.B...	St. John.....	2 00
381	do 23...	Samuel Ryan.....	Master, fore and aft, coasting.	Lockeport, N.S.....	Halifax.....	4 00
382	do 22...	Richard Tobin.....	do ...	North Sydney, C.B.	Sydney.....	4 00
383	do 23...	Chas. Wesley Brannen...	Master, str., minor inland waters.	Portland, N.B.....	St. John.....	4 00
384	do 23...	Chas. Bishop.....	Master, fore and aft, coasting.	Hopewell, N.B.....	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1885.					\$
1385	April 23...	Wilford Spragg.....	Master, fore and aft, coasting.	Springfield, N.B....	St. John.....	4
1386	do 24...	Perry Hatfield.....	do	Fox River, N.S.....	Parrsboro'.....	4
1387	do 24...	A. Wellington Brown....	do	Parrsboro', N.S.	do	4
1388	do 24...	Jas. Freeman Bethel.....	do	Port La Tour, N.S.	Halifax.....	4
1389	do 24..	Thos. Stephen Duncan....	Master, str., minor inland waters.	Woodstock, N.B....	St. John.....	4
1390	do 24...	Stephen T. Farnsworth..	Master, fore and aft, coasting.	St. John, N.B.	do	4
1391	do 24...	Wm. Alfred Wilband.....	do	Harvey, N.B.....	do	4
1392	do 24...	Henry Titis Whelpley....	do	Kingston, N.B.....	do	4
1393	do 24...	Albert Day	do	St. John, N.B.	do	4
1394	do 24...	Wm. C Odell.....	do	Portland, N.B.....	do	4
1395	do 24...	Warren Dixon	do	HopewellCape, N.B.	do	4
1396	do 24...	William Walsh	do	Parrsboro', N.S....	do	4
1397	do 24...	Chas. Babbit.....	Master, str., coasting.	St. John, N.B.....	do	4
1398	do 24...	Thos. O'Donnell.....	Master, fore and aft, inland waters.	Port Dalhousie, Ont	St. Catharines	4
1399	do 24...	Benjamin Gregory	do	St. Catharines, Ont	do	4
1400	do 24...	Jas. Thos. Beard.....	do	do	do	4
1401	do 24...	Geo. Firth Allan.....	do	Port Dover, Ont...	do	4
1402	do 24...	Alex. Reid.....	do	Port Dalhousie, Ont	do	4
1403	do 24...	John McIlwain.....	do	St. Catharines, Ont	do	4
1404	do 24...	Wm. Sheldon.....	do	do	do	4
1405	do 24...	Thos. Nelson Smith.....	do	do	do	4
1406	do 24...	Thos. Andrew Horne....	Master, fore and aft, also str., inland waters.	do	do	4
1407	do 24...	James Shortt.....	Master, fore and aft, inland waters.	do	do	4
1408	do 24...	Francis McGlynn.....	do	do	do	4
1409	do 24...	James Edmonds.....	do	Port Hope, Ont....	do	4
1410	do 24...	Wm. Richard Welsh.....	Mate, fore and aft, inland waters.	St. Catharines, Ont	do	2
1411	do 24...	John Lauder.....	do	Port Colborne, N.S	do	2
1412	do 24...	John McLean	do	Goderich, Ont.....	do	2
1413	do 24...	Patrick Jos. Gallagher..	do	St. Catharines, Ont	do	2

ist of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
1884.					\$ cts.
4 April 24...	John Lang Houston.....	Mate, fore and aft, inland waters.	Port Dalhousie, Ont	St. Catharines	2 00
5 do 24...	Samuel Grant.....	do ...	St. Catharines, Ont	do ...	2 00
6 do 24...	Samuel Light.....	do ...	do ...	do ...	2 00
7 do 24...	Alex. Henderson.....	do ...	Burlington, Ont....	do ...	2 00
8 do 24...	George McAvoy.....	do ...	Port Dalhousie, Ont	do ...	2 00
9 do 24...	Louis Bang.....	do ...	do ...	do ...	2 00
0 do 24...	John Patterson... ..	do ...	St. Catharines, Ont	do ...	2 00
1 do 24...	Robert Thompson.....	do ...	do ...	do ...	2 00
2 do 25...	Robert Walton.....	Mate, str., inland waters.	Port Dalhousie, Ont	do ...	2 00
3 do 25...	Richard Read.....	Master, fore and aft, inland waters.	do ...	do ...	4 00
4 do 25...	John Collins.....	do ...	do ...	do ...	4 00
5 do 25...	Thos. Sullivan.....	do ...	St. Catharines, Ont	do ...	4 00
6 do 25...	Thomas Riley.....	do ...	do ...	do ...	4 00
7 do 25...	Thos. Avery Brown	do ...	Port Dalhousie, Ont	do ...	4 00
8 do 25...	Harvey Colvin.....	do ...	do ...	do ...	4 00
9 do 25...	Henry Brooks.....	do ...	do ...	do ...	4 00
0 do 25...	Thomas Edward Murray.	do ...	St. Catharines, Ont.	do ...	4 00
1 do 25...	Thos. Dalton	do ...	do ...	do ...	4 00
2 do 25...	John Irving	Master, fore and aft and str., inland waters.	Port Dalhousie, Ont	do ...	4 00
3 do 25...	Jos. Spence.....	Master, fore and aft, inland waters.	Hamilton, Ont.....	do ...	4 00
4 do 25...	Thos. Lyon	do ...	do ...	do ...	4 00
5 do 25...	Emerson Wright.....	Master, str., inland inland waters.	do ...	do ...	4 00
6 do 25...	Edward Harris	Mate, str., inland waters.	Port Dalhousie, Ont	do ...	2 00
7 do 25...	Geo. Thos. Malcolmson.	Master, str., inland waters.	St. Catharines, Ont.	do ...	4 00
8 do 25...	Conrad Quackenbush	do ...	Port Dalhousie, Ont	do ...	4 00
9 do 25...	Henry Zealand	Master, steamer and square rig, inland waters.	St. Catharines, Ont.	do ...	4 00
0 do 25...	Jeremiah Clifford	Master, str., inland waters.	do ...	do ...	4 00

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1441	April 25...	Louis G. Labatt	Mate, str., inland waters.	St. Catharines, Ont.	St. Catharines	2 00
1442	do 25...	Robt. McMaugh.....	Master, str., inland waters.	do ...	do	4 00
1443	do 25...	Frank Mahaffay	Mate, str., minor inland waters.	Port Colborne, Ont.	do	2 00
1444	do 25...	Archibald McMaugh	Master, str., inland waters.	St. Catharines, Ont.	do	4 00
1445	do 25...	David Allan Kiah.....	do ...	Hamilton, Ont.....	do	4 00
1446	do 25...	John Kemp	Master, fore and aft, inland waters.	Port Burwell, Ont.	do	4 00
1447	do 25...	Jas. Hamilton Scott.....	Master, str., inland waters.	Tyrconnel, Ont. ...	do	4 00
1448	do 25...	Elisha Payson M. Titus...	Master, fore and aft and str., inland waters.	Port Burwell, Ont.	do	4 00
1449	do 25...	Joseph Parsons	Master, fore and aft, inland waters.	Port Colborne, Ont.	Port Colborne.	4 00
1450	do 25...	Peter Thomson	do ...	Duart, Elgin Co., Ont.	St. Catharines	4 00
1451	do 25...	Jas. Saurin.....	Mate, fore and aft, inland waters.	Port Colborne, Ont.	do	2 00
1452	do 25...	Robt. Gillies	Master, fore and aft, inland waters.	do ...	do	4 00
1453	do 25...	Jas. Reed	Mate, fore and aft, inland waters.	Port Burwell, Ont.	do	2 00
1454	do 25...	Richard Francis	Master, fore and aft, inland waters.	Fullerton, Ont.....	do	4 00
1455	do 25...	Cortlandt Lionel Secord.	Mate, str., inland waters.	Niagara, Ont.	do	2 00
1456	do 25...	Alexander McLeod.....	Master, fore and aft, inland waters.	Stromness, Ont....	do ...	4 00
1457	do 25...	Edward Burge.....	do ...	Port Burwell, Ont.	do ...	4 00
1458	do 25...	John Burge.....	Mate, fore and aft, inland waters.	do ...	do ...	2 00
1459	do 25...	Thomas Read.....	Master, fore and aft, inland waters.	Port Dalhousie, Ont	do ...	4 00
1460	do 25...	David McAllister	Mate, fore and aft, inland waters	Port Colborne, Ont	do ...	2 00
1461	do 25...	Malcolm McPhee.....	Master, fore and aft, inland waters.	do ...	do ...	4 00
1462	do 25...	Jno. Collett	do ...	Port Rowan, Ont..	do ...	4 00
1463	do 25...	Henry Killaly	Mate, fore and aft, inland waters.	Port Dalhousie, Ont	do ...	2 00
1464	do 25...	Jas. Francis Doyle.....	do ...	Hamilton, Ont.....	do ...	2 00
1465	do 25...	Martin Brennan.....	do ...	St. Catharines, Ont	do ...	2 00
1466	do 25...	Jos. Brooks.....	do ...	Port Dalhousie, Ont	do ...	2 00
1467	do 25...	Wm. Ferguson.....	do ...	do ...	do ...	2 00
1468	do 25...	Thos. Kimmitt.....	do ...	St. Catharines, Ont	do ...	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.— *Continued.*

Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
1884.					\$ cts.
April 24...	George Houston	Mate, fore and aft, inland waters.	Port Dalhousie, Ont	St. Catharines.	2 00
do 25...	Jas. Heappy.....	do ...	St. Catharines, Ont	do ...	2 00
do 25...	Donald Thompson	do ...	Port Colborne, N.S.	do ...	2 00
do 25...	Michael Kimmitt.....	do ...	St. Catharines, Ont	do ...	2 00
do 25...	Wm. Henry Atkinson....	do ...	Port Dalhousie, Ont	do ...	2 00
do 25...	Patrick Jos. Dacey.....	do ...	St. Catharines, Ont	do ...	2 00
do 25...	Daniel Early	do ...	St. Thomas, Ont...	do ...	2 00
do 25...	Patrick Sullivan.....	Master, str. and fore and aft, inland waters.	St. Catharines, Ont	do ...	4 00
do 25...	John Duncanson.....	do ...	Amherstburg, Ont.	do ...	4 00
do 25...	Joseph Duncanson.....	Mate, str. and fore and aft, inland waters.	do ...	do ...	2 00
do 25...	John Sullivan	Master, str., inland waters.	Malochville, Que...	do ...	4 00
do 25...	Jas. Walkdon Mawdesley	do ...	Thorold, Ont.....	do ...	4 00
do 25...	Terrence Reardon.....	Mate, fore and aft, inland waters.	Hamilton, Ont.....	do ...	2 00
do 25...	Allan McDonald	Master, str., inland waters.	Stromness, Ont....	do ...	4 00
do 25...	Wm. Cavers.....	do ...	St. Catharines, Ont	do ...	4 00
do 25...	Thomas Noble	do ...	Port Dalhousie, Ont	do ...	4 00
do 25...	James Samuel Jones	Mate, fore and aft, inland waters.	Port Maitland, Ont	do ...	2 00
do 25...	John Sullivan.. ..	Master, str. and fore and aft, inland waters.	St. Catharines, Ont	do ...	4 00
do 25...	John Alex. Graham	Mate, fore and aft, inland waters.	Port Colborne, Ont	do ...	2 00
do 26...	Patrick Kerwin	Master, fore and aft, inland waters.	Sarnia, Ont.....	do ...	4 00
do 26...	James Griffith.....	do ...	St. Catharines, Ont	do ...	4 00
do 26...	Robert McLaren.....	do ...	do ...	do ...	4 00
do 25...	William Lannen	Mate, fore and aft, inland waters.	Sarnia, Ont.....	Sarnia.. ..	2 00
do 25...	William Austin Glass. ..	do ...	do	do	2 00
do 25...	Henry Jos. Buckley	do ...	Courtright, Ont...	do	2 00
do 25...	William Robt. McCreary.	do ...	Wallaceburg, Ont	do	2 00
do 25...	John Edward Cooper.....	do ...	Sarnia, Ont.....	do	2 00
do 25...	Martin Kerwin.....	do ...	do	do	2 00

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	When Examination was Passed.	Fee.
						\$ cts.
1497	April 25...	John Wm. Taylor.....	Master, str., inland waters.	Wallaceburg, Ont.	Sarnia.....	4 00
1498	do 25...	David Farquhar McRae...	do ...	do ...	do	4 00
1499	do 25...	Lauchlin Morrison	do ...	Sarnia, Ont.....	do	4 00
1500	do 25...	Samuel Arbaugh.....	Mate, str., minor inland waters.	Point Edward, Ont	do	2 00
1501	do 25...	William Carroll.....	do ...	do ...	do	2 00
1502	do 25...	James Wightman	do ...	do ...	do	2 00
1503	do 25...	James Doig	do ...	Sarnia, Ont	do	2 00
1504	do 25...	George Hardy Morden...	Master, str., inland waters.	Wallaceburg, Ont.	do	4 00
1505	do 25...	Andrew Steinhoff.....	do ...	do ...	do	4 00
1506	do 25...	Edward Black Anderson.	do ...	Sarnia, Ont.....	do	4 00
1507	do 26...	James Anderson	Master, fore and aft, inland waters.	do	do	4 00
1508	do 26...	Asa Ribble.....	Master, str., inland waters.	Dresden, Ont.....	do	4 00
1509	do 26...	James Bowie Symes.....	do ...	Sarnia, Ont.....	do	4 00
1510	do 26...	Malcolm McLeod.....	do ...	do	do	4 00
1511	do 26...	Philip Broderick.....	Mate, str., inland waters.	do	do	2 00
1512	do 26...	Peter Williams.....	Master, str., inland waters.	Windsor, Ont.....	do	4 00
1513	do 26...	James Hector McLean...	Mate, str., minor inland waters.	Wallaceburg, Ont.	do	2 00
1514	do 26...	Peter Lyon	Master, fore and aft, inland waters.	Sarnia, Ont....	do	4 00
1515	do 26...	Richard Wm. Dease.....	do ...	Chatham, Ont.....	do	4 00
1516	do 26...	Harry Buckley.....	do ...	Courtright, Ont...	do	4 00
1517	do 26...	Alexander Kieth.....	do ...	Sarnia, Ont.....	do	4 00
1518	do 26...	Henry Chas. Taylor... ..	do ...	do	do	4 00
1519	do 26...	Stephen Lucas Waggoner	do ...	do	do	4 00
1520	do 26...	Benjamin Henry Cooper.	do ...	do	do	4 00
1521	do 26...	John Waggoner.....	do ...	do	do	4 00
1522	do 26...	Alexander Farquharson.	do ...	do	do	4 00
1523	do 26...	Thos. Edgar Clark.....	do ...	do	do	4 00
1524	do 26...	Thos. Locke.....	do ...	do	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1525	April 26...	Edward Robertson.....	Master, str., inland waters.	Sarnia, Ont.....	Sarnia.....	4 00
1526	do 26...	Isaac Becker.....	do ...	Port Rowan, Ont...	do	4 00
1527	do 26...	Jos. Alex. Glass.....	Master, fore and aft, inland waters.	Sarnia, Ont.....	do	4 00
1528	do 26...	Wm. Hendry.....	Mate, str., inland waters.	Wallaceburg, Ont.	do	2 00
1529	do 26...	Peter Campbell Telfer....	do ...	Brooks, Ont.....	do	2 00
1530	do 26...	Wm. Anderson.....	do ...	Sarnia, Ont.....	do	2 00
1531	do 26...	Chas. Douglass Ross.....	do ...	do	do	2 00
1532	do 26...	Geo. Cruikshank.....	Mate, str., minor, inland waters.	Port Lambton, Ont	do	2 00
1533	do 26...	Malcolm McDonald.....	Mate, str., minor, inland waters.	Wallaceburg, Ont.	do	4 00
1534	do 26...	Malcolm Sherwood.....	do ...	do ...	do	4 00
1535	do 26...	Joseph Lalonde.....	do ...	do ...	do	4 00
1536	do 26...	Jno. Wm. Booth.....	do ...	Port Lambton, Ont	do	4 00
1537	do 26...	Jno. Thos. Arthur Scott..	do ...	Mitchell's Bay, Ont	do	4 00
1538	do 26...	Thos. Runciman.....	do ...	Dresden, Ont.....	do	4 00
1539	do 26...	Christopher Smith.....	do ...	Sarnia, Ont.....	do	4 00
1540	do 26...	John Scott.....	do ...	do	do	4 00
1541	do 26...	Jno. Geo. Kelly.....	do ...	Wallaceburg, Ont.	do	4 00
1542	do 26...	John Egan.....	do ...	Point Edward, Ont	do	4 00
1543	do 26...	Jas. Henry Warwick.....	do ...	Sarnia, Ont.....	do	4 00
1544	do 26...	Henry Taylor.....	do ...	Wallaceburg, Ont.	do	4 00
1545	do 26...	Wm. Amos Wiggins.....	Master, fore and aft, inland waters.	Port Burwell, Ont.	do	4 00
1546	do 28...	Mark Berry.....	do ...	Port Stanley, Ont.	do	4 00
1547	do 28...	Michael Jos. Dalton.....	do ...	St. Thomas, Ont...	do	4 00
1548	do 28...	Chas. McDermid.....	do ...	Port Burwell, Ont.	do	4 00
1549	do 28...	Louis Julian.....	do ...	Kingston, Ont.....	do	4 00
1550	do 28...	John Roberts.....	Master, fore and aft, also str., inland waters.	St. Catharines, Ont	do	4 00
1551	do 26...	John McDonald.....	Mate, str., inland waters.	Sarnia, Ont.....	do	2 00
1552	do 26...	Samuel Geo. Seagel.....	Mate, str., minor inland waters.	do	do	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
1553	April 26...	Neil McDonald.....	Master, str., minor inland waters.	Wallaceburg, Ont.	Sarnia	4 00
1554	do 26...	John Sheply.....	do ...	do ...	do	4 00
1555	do 26...	Charles McDermant.....	do ...	Dresden, Ont....	do	4 00
1556	do 26...	Wm. Clifford Lee.	do ...	Wallaceburg, Ont.	do	4 00
1557	do 26...	Wm. Ransome Walker...	do ...	Point Edward, Ont	do	4 00
1558	do 26...	Geo. Wm. Dickson.....	do ...	do ...	do	4 00
1559	do 26...	James McAllister.	do ...	Sarnia, Ont.	do	4 00
1560	do 26...	Edward Malcolm Thomas	do ...	do	do	4 00
1561	do 26...	James May.	do ...	Point Edward, Ont	do	4 00
1562	do 26...	Duncan McGregor.....	do ...	do ...	do	4 00
1563	do 26...	John Higgins.....	do ...	do ...	do	4 00
1564	do 26...	Wm. Brownlee	Master, fore and aft, inland waters.	Sarnia, Ont.	do	4 00
1565	do 26...	John Steed Moore.....	Master, str., inland waters.	do	Toronto.....	4 00
1566	do 26...	Joseph Miller Logan.....	Master, str., minor inland waters.	Morrisburg, Ont....	Prescott	4 00
1567	do 18...	Wm. McGinnis.	do ...	Port Colborne, Ont	St. Catharines.	4 00
1568	do 18...	William Drennan.....	do ...	Port Robinson, Ont	do ...	4 00
1569	do 22...	David McAllister.....	do ...	Port Colborne, Ont	do ...	4 00
1570	do 18...	John Able.....	do ...	Port Dalhousie, Ont	do ...	4 00
1571	do 18...	Joseph Miller.....	do ...	Dunville, Ont.....	do ...	4 00
1572	do 19...	Geo. Offspring.....	do ...	Port Robinson, Ont	do ...	4 00
1573	do 18...	John Miller.....	Master, str., inland waters.	Dunville, Ont.....	do ...	4 00
1574	do 18...	Humphrey Chas. Julian.	Master, str., minor inland waters.	Port Dalhousie, Ont	do ...	4 00
1575	do 18...	John Armstrong.....	do ...	Port Colborne, Ont	do ...	4 00
1576	do 19...	John Poor.....	do ...	Welland, Ont.....	do ...	4 00
1577	do 19...	William Broom	do ...	Port Colborne, Ont.	do ...	4 00
1578	do 19...	Jno. Mathews.....	do ...	do ...	do ...	4 00
1579	do 19...	Jno. Clifford	do ...	St. Catharines, Ont.	do ...	4 00
1580	do 19...	Jas. Saurin	do ...	Port Colborne, Ont.	do ...	4 00
1581	do 22...	Wm. Kingston.....	do ...	do ...	do ...	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
82	April 22...	Martin Cloy	Master, str., minor inland waters.	Thorold, Ont.	St. Catharines.	4 00
83	do 23...	Wm. R. Vasbinder.....	do	Welland, Ont.....	do	4 00
84	do 22...	George Ross.....	do	Port Robinson, Ont	do	4 00
85	do 22...	Jas. W. McCoppin	do	Port Colborne, Ont.	do	4 00
86	do 22...	Hy. Malvern Mawdesley..	do	Thorold, Ont.	do	4 00
87	do 18...	Henry Cook	do	Port Colborne, Ont.	do	4 00
88	do 18...	James Noble.....	do	Port Dalhousie, Ont	do	4 00
89	do 18...	Wm. Ross	do	Port Robinson, Ont	do	4 00
90	do 18...	Wm. Wright.....	do	Port Colborne, Ont.	do	4 00
91	do 18...	Robt. Maines	do	do	do	4 00
92	do 19...	Wm. Hepburn Rooth.....	do	do	do	4 00
93	do 18...	Alex. Latimer Grisdale...	do	Port Robinson, Ont	do	4 00
94	do 22...	John Ross	do	do	do	4 00
95	do 29...	Wm. F. Williams	Mate, square rig, coasting.	Port Hawkesbury, N.S.	Halifax	2 00
96	do 29...	Benjamin Goodwin	Master, fore and aft, coasting.	Cape Sable Island, N.S.	do	4 00
97	do 29...	Jas. Robt. McDonald.....	do	Halifax, N.S.....	do	4 00
98	do 29...	Rufus Hines	do	Yarmouth, N.S.....	do	4 00
99	do 29...	James Philpot.....	do	Port Hawkesbury, N.S.	do	4 00
100	do 29...	Jno. Hewitt Thorburn....	do	Jordan Bay, N.S...	do	4 00
101	do 29...	Jas. Ed. Hadley	do	Guysboro', N.S.....	do	4 00
102	do 26...	Robt. Newman.....	Mate, str., minor inland waters; also mate of str. on Lake Ontario.	Toronto, Ont.	Toronto	2 00
103	do 25...	Jas. McAllan, jun	Mate, str., inland waters.	do	do	2 00
104	do 25...	Thos. Harbottle	Master, str., inland waters.	do	do	4 00
105	do 25...	Thos. Lundy, jun.	do	do	do	4 00
106	do 25...	James T. Mathews	do	do	do	4 00
107	do 25...	Mossom Martin Boyd.....	Master, str., minor inland waters.	Bobcaygeon, Ont..	do	4 00
108	do 25...	Richard D. Simpson.....	do	Owen Sound, Ont.	do	4 00
109	do 25...	David Mitchell.....	do	Hamilton, Ont.....	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1610	April 25...	Henry Pierce.....	Master, str., minor inland waters.	Collingwood, Ont.	Toronto	4 00
1611	do 25...	Jas. Johnson.....	do ...	Bobcaygeon, Ont..	do	4 00
1612	do 25...	John Goldthorp.....	do ...	Toronto, Ont.....	do	4 00
1613	do 25...	Maurice Lane	do ...	Bobcaygeon, Ont...	do	4 00
1614	do 25...	Wm. Henry Forster.....	do ...	Toronto, Ont.....	do	4 00
1615	do 25...	Jas. Keith Harbottle.....	do ...	do	do	4 00
1616	do 25...	Lachlan Johnston.....	do ...	Barrie, Ont.....	do	4 00
1617	do 25...	Price Brown.....	do ...	Toronto, Ont.....	do	4 00
1618	do 25...	Francis Scott.....	do ...	Collingwood, Ont.	do	4 00
1619	do 25...	Fremont Crandell.....	do ...	Fenelon Falls, Ont.	do	4 00
1620	do 25...	Thos. Lundy.....	do ...	Toronto, Ont.	do	4 00
1621	do 25...	Alexander Hamilton	do ...	Bobcaygeon, Ont..	do	4 00
1622	do 25...	Edward Smith	do ...	Lindsay, Ont.....	do	4 00
1623	do 25...	Jas. Grieve Tate	do ...	Penetanguishene, Ont.	do	4 00
1624	do 25...	Jos. Parkin	do ...	Lindsay, Ont	do	4 00
1625	do 25...	Henry Jeffrey	Master, fore and aft, inland waters.	Windsor, Ont	Windsor.....	4 00
1626	do 26...	Henry Ryan Monck.....	do ...	Port Colborne, Ont	Toronto	4 00
1627	do 26...	Frederic Johnson.....	Mate, fore and aft, inland waters.	Penetanguishene, Ont.	do	2 00
1628	do 26...	Dennis McMullin.....	do ...	Toronto, Ont.....	do	2 00
1629	do 26...	George Towers.....	do ...	Hamilton, Ont	do	2 00
1630	do 26...	John McLennan.....	do ...	Toronto, Ont.....	do	2 00
1631	do 26...	Wm. Smith	do ...	do	do	2 00
1632	do 26...	Morgan Collis	Mate, str., minor inland waters.	Bobcaygeon, Ont...	do	2 00
1633	do 26...	Walter McNabb.....	do ...	Toronto, Ont.....	do	2 00
1634	do 26...	Louis Jos. Skelly.....	do ...	do	do	2 00
1635	do 26...	John Fraser	Master, str., inland waters.	Windsor, Ont.....	Windsor.....	4 00
1636	do 25...	Adolphe Sauvageau.....	Master, fore and aft, minor inland waters.	Champlain, Que ..	Montreal	4 00
1637	do 25...	Alfred Morin.....	do ...	do ...	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1638	April 25...	Michel Clarke	Mate, str., inland waters.	Dickenson's Land- ing, Ont.	Kingston	2 00
1639	do 24...	Alex. Allan McKenzie....	Master, fore and aft, inland waters.	Kingston, Ont	do	4 00
1640	do 25...	Frs. Murphy	Mate, fore and aft, inland waters.	do ...	do	2 00
1641	May 3...	Jos. Kennedy	Master, fore and aft, inland waters.	do ...	do	4 00
1642	do 3...	Luke O'Reily	do ...	do ...	do	4 00
1643	do 3...	John Crowley	Mate, fore and aft, inland waters.	do ...	do	2 00
1644	do 3...	Chs. Gillard	do ...	Port Dalhousie, Ont.	do	2 00
1645	April 25...	Flavien Morin	Master, fore and aft, minor inland wa- ters.	Ste. Anne de la Pérade, Que.	Montreal	4 00
1646	do 25...	Wilfred Carpentier	do ...	Champlain, Que...	do	4 00
1647	do 25...	Camille Champagne	do ...	Lanoraie, Que.....	do	4 00
1648	do 25...	Néré Petit	do ...	Champlain, Que...	do	4 00
1649	do 25...	Adelma Hamelin	do ...	Grondines, Que...	do	4 00
1650	do 25...	Nap. Dussault	do ...	St. Croix, Que.....	do	4 00
1651	do 25...	Ferdinand Quintal	do ...	Boucherville, Que.	do	4 00
1652	do 25...	Maurice Delisle	do ...	Montreal, Que.....	do	4 00
1653	do 25...	Zenophile Hamelin	do ...	Grondines, Que...	do	4 00
1654	do 25...	David Hamelin	do ...	Champlain, Que ...	do	4 00
1655	do 25...	Adolphe Marchand	do ...	do ...	do	4 00
1656	do 21...	Alexander Arcand	do ...	Grondines, Que...	do	4 00
1657	do 25...	Félix Paré	do ...	Montreal, Que.....	do	4 00
1658	do 25...	Edmond Sauvageau	do ...	Champlain, Que...	do	4 00
1659	do 25...	Jos. Durand	do ...	do ...	do	4 00
1660	do 24...	Geo. Nelson	Master, str., minor inland waters.	Sorel, Que.	do	4 00
1661	do 24...	Jos. Gervais	do ...	do	do	4 00
1662	do 24...	Michel Fournier	do ...	Coteau Landing, Que.	do	4 00
1663	do 24...	Xavier Laviolette	Mate, str., minor inland waters.	St. Ours, Que.	do	2 00
1664	do 24...	Medard Demers	Master, str., minor inland waters.	Laprairie, Que.....	do	4 00
1665	do 24...	Stephen St. Onge	do ...	Lachine, Que.	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—Continued.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
1666	April 24...	Urgel Brunet	Master, str., minor inland waters.	Lachine, Que	Montreal.	4 00
1667	do 24...	Samuel Gervais	Mate, str., minor inland waters.	Laprairie, Que.....	do	2 00
1668	do 24...	Hormidas Lepine.....	Master, str., minor inland waters.	Pointe Claire, Que.	do	4 00
1669	do 24...	Jos. Rainfrette.....	Mate, str., minor inland waters.	Coteau Landing, Que.	do	2 00
1670	do 25...	Heliodore Mandeville....	Master, str., minor inland waters.	Mile End, Montreal	do	4 00
1671	do 25...	Louis Oct. Boucher.....	do	Sorel, Que	do	4 00
1672	do 25...	James Cain'	do	Lachine, Que.....	do	4 00
1673	do 25...	Eugène Brunelle.....	Mate, str., minor inland waters.	Champlain, Que ...	do	2 00
1674	do 25...	Alphonse Lepine	do	Pointe Claire, Que	do	2 00
1675	do 25...	Isidore Lefebvre.....	do	do	do	2 00
1676	do 25...	François Crépeau	Master, str., minor inland waters.	Sorel, Que.....	do	4 00
1677	do 25...	François Art. Garcean ...	do	Louisville, Que. ...	do	4 00
1678	do 25...	Alex. Gignac	do	Champlain, Que...	do	4 00
1679	do 24...	Jean Baptiste Lalonde ...	Mate, str., minor inland waters.	Curran, Ont	do	2 00
1680	do 24...	Paul Roch	Master, fore and aft, minor inland waters.	Berthier en haut, Que.	do	4 00
1681	do 24...	Arthur Tousant	do	Champlain, Que...	do	4 00
1682	do 24...	Louis St. Louis, jun.....	Master, str., minor inland waters.	Sorel, Que.....	do	4 00
1683	do 24...	André Bertrand	do	Lachine, Que.	do	4 00
1684	do 24...	Cléophas Guérin.....	Mate, str., minor inland waters.	Laprairie, Que.....	do	2 00
1685	do 24...	Regis Latraverse.....	Master, str., minor inland waters.	Sorel, Que... ..	do	4 00
1686	May 1...	Alfred Tremblay.....	Master, square rig, coasting.	Montmagny, Que...	Quebec.	4 00
1687	do 1...	Napoléon Pagé	Mate, str., coasting.	Portneuf, Que.....	do	2 00
1688	do 1...	Isaac Gourdeau.....	do	St. Petronile, Que..	do	2 00
1689	do 1...	Lazare Alland.....	do	Carleton, Que	do	2 00
1690	do 1...	Frs. Xav. Rivard	Master, fore and aft, minor inland waters.	Grondines, Que. ...	do	4 00
1691	do 1...	Rezaine Brisson.....	do	St. Pierre les Becquets, Que.	do	4 00
1692	do 1...	Jos. Paquet	do	Grondines, Que...	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1693	May 1...	Mathias Abel	Master, str., minor inland waters.	Lotbinière, Que. ...	Quebec	4 00
1694	do 1...	Pierre Lefaiivre	do ...	Deschambault, Que	do	4 00
1695	April 30...	Elucipe Bélanger	do ...	Lotbinière, Que...	do	4 00
1696	do 30...	Obert Naud	do ...	Deschambault, Que	do	4 00
1697	do 30...	Theodore Chabot	do ...	Village N.-Dame, Lévis, Que.	do	4 00
1698	do 30...	Samuel Jno .Robertson...	Master, fore and aft, coasting.	Berthier <i>en bas</i> , Que	do	4 00
1699	do 30...	Thos. Riverin	do ...	Murray Bay, Que. .	do	4 00
1700	do 30...	Gilbert McNeil	do ...	St. Valier, Que	do	4 00
1701	do 30...	Louis Fournier	do ...	St. Thomas, Que...	do	4 00
1702	do 30...	Jos. Regis LeBlanc	do ...	Kamouraska, Que.	do	4 00
1703	do 30...	Lambert Richard	do ...	Cap St. Ignace, Que	do	4 00
1704	do 30...	Jos. Bergeron	do ...	Les Eboulements, Que.	do	4 00
1705	do 30...	Onesime Rivard	do ...	Grondines, Que...	do	4 00
1706	do 30...	Isaac Smith	Master, str., minor inland waters.	Onslow, Que	Ottawa	4 00
1707	do 30...	Telephore Rivard	Master, fore and aft, coasting.	Grondines, Que...	Quebec	4 00
1708	May 1...	Ovide Gagnon	Master, str. and fore and aft, coasting.	Les Eboulements, Que.	do	4 00
1709	do 1...	Eugenie Fournier	do ...	St. Thomas, Que...	do	4 00
1710	do 1...	Eugène Hammond	Master, str., coasting.	do ...	do	4 00
1711	April 25...	Wm. Stalker	Master, fore and aft, inland waters.	Leskard, Ont	Toronto	4 00
1712	do 28...	Patrick Duggan	Master, str., inland waters.	Pembroke, Ont	do	4 00
1713	do 28...	Jas. H. Titus	Master, fore and aft, inland waters.	Toronto, Ont	do	4 00
1714	do 28...	Fred. Frank	do ...	do	do	4 00
1715	do 28...	James Blake	do ...	do	do	4 00
1716	do 28...	Jno. Hatherly Way	do ...	Whitby, Ont	do	4 00
1717	do 28...	Jno. Irvine	do ...	Hamilton, Ont	do	4 00
1718	do 28...	Arthur Clarkson	do ...	Toronto, Ont	do	4 00
1719	do 28...	Dan. M. Sharp	do ...	do	do	4 00
1720	do 26...	Wm. Hague Allison	Master, str., minor inland waters.	Morrisburg, Ont ...	Prescott	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
1721	April 26...	Thos. Ansley McDermand	Master, fore and aft, inland waters.	Sarnia, Ont.	Sarnia.	4 00
1722	May 1...	Antoine Mailhot	Master, fore and aft, minor inl'd waters.	St. Jean de Chail-lons, Que.	Quebec.	4 00
1723	do 1...	Honoré Dussault.....	Master, fore and aft and str., minor inland waters.	St. Petronile, Que.	do	4 00
1724	do 1...	Joseph Hardy.....	do	New Liverpool, Que	do	4 00
1725	do 1...	Noé Rivard.....	do	Grondines, Que	do	4 00
1726	do 1...	Joseph Auger.....	Master, fore and aft, minor inland waters.	Ste. Anne de la Pérade, Que.	do	4 00
1727	do 1...	Philippe Carette	do	St. Jean des Chail-lons, Que.	do	4 00
1728	do 1...	Jean Baptiste Houde	do	do	do	4 00
1729	do 1...	André Laroche	do	do	do	4 00
1730	do 1...	Hypolite Germain	do	Montreal, Que	do	4 00
1731	do 1...	Narcisse Paquet	do	Deschambault, Que	do	4 00
1732	do 1...	Liboire Perreault	do	do	do	4 00
1733	do 1...	Hercule Germain	do	Cap Santé, Que. ...	do	4 00
1734	April 30...	Michel Auger	do	St Jean des Chail-lons, Que.	do	4 00
1735	do 30...	Noel Lefebvre	do	Deschambault, Que	do	4 00
1736	do 30...	James Neill	Master, str., coast-ing.	Victoria, B. C.	Victoria	4 00
1737	do 30...	Roderick Miles Easton....	Master, str., minor inland waters.	Ottawa, Ont.	Ottawa.	4 00
1738	do 30...	Robt. Dickson	Master, fore and aft, coasting.	Moncton, N.B.....	St. John.....	4 00
1739	May 7...	Alexander Crowell.....	do	Barrington, N.S....	Halifax.....	4 00
1740	do 7...	Jno. Alex. McNeil.....	do	Isaac Harbor, N.S.	do	4 00
1741	do 7...	Jacob Val. Robblee	do	Granville, N.S.....	Annapolis	4 00
1742	do 7...	Geo. E. Johnson.....	do	Lower Granville, N.S.	Cornwallis ...	4 00
1743	do 8...	Jno. McCuish.	Master, square rig, coasting.	Halifax, N.S.....	Halifax	4 00
1744	do 8...	Western Crocker.....	Master, fore and aft, coasting.	Hopewell, N.B.....	St. John.....	4 00
1745	do 8...	David Thos. Alexander..	do	Alma, N.B.....	do	4 00
1746	do 8...	Amos Hicks	do	Sackville, N.B.....	do	4 00
1747	do 8...	William Tower	do	Rockport, N.B.....	do	4 00

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
748	May 8...	Stephen Apt.....	Master, str., minor inland waters.	Westfield, N.B.....	St. John	4 00
749	do 9...	Jas. Allison	do ..	Morrisburg, Ont....	Ottawa.....	4 00
750	do 9...	Chas. Martin	do ..	Waubausheene, Ont.	Toronto	4 00
751	do 9...	Frank Marion Hartman...	do ..	do ..	do	4 00
752	do 9...	Philip Stotts	do ..	Toronto, Ont.....	do	4 00
753	do 9...	Edwin Sidney Stanton...	do ..	do	do	4 00
754	do 9...	Jesse Hinton	Mate, fore and aft, inland waters.	do	do	2 00
755	do 9...	Jno. Firth	do ..	Port Colborne, Ont.	do	2 00
756	do 9...	William Thorne.....	do ..	Toronto, Ont.....	do	2 00
757	do 10...	Michael Corcoran.....	Master, str., minor inland waters.	do	St. Catharines.	2 00
758	do 10...	Daniel Murray.....	Mate, fore and aft, inland waters.	St. Catharines, Ont	do ..	2 00
759	do 10...	Thos. Noonan.....	Mate, str., minor inland waters.	Toronto, Ont.....	do ..	2 00
760	do 10...	Geo. Alen. Phillips.....	Master, str., minor inland waters.	Doiset P.O., Muskoka Dis't., Ont.	do ..	4 00
761	do 5...	Joseph Alexandre.....	Master, fore and aft, min'r in'l'd waters	Champlain, Que...	Three Rivers...	4 00
762	do 5...	Fabien de Langies.....	do ..	do ..	do ..	4 00
763	do 5...	Onésime Jourdain.....	do ..	do ..	do ..	4 00
764	do 5...	Louis Tousant.....	do ..	do ..	do ..	4 00
765	do 5...	Jos. Marchand.....	do ..	do ..	do ..	4 00
766	do 5...	Louis Lacroix.....	do ..	do ..	do ..	4 00
767	do 5...	Onésime Vezina.....	do ..	do ..	do ..	4 00
768	do 5...	Auguste Toupin.....	do ..	do ..	do ..	4 00
769	do 6...	Edmond Sauvageau.....	do ..	do ..	do ..	4 00
770	do 6...	Louis Sauvageau.....	do ..	do ..	do ..	4 00
771	do 6...	Hercules Carpentier.....	do ..	do ..	do ..	4 00
772	do 6...	Trefflé Julien.....	do ..	Ste. Anne de la Pêrade, Que.	do ..	4 00
773	do 6...	Eusèbe Lacoursière.....	do ..	Batiscan, Que.....	do ..	4 00
774	do 6...	Louis Bertrand.....	do ..	Champlain, Que...	do ..	4 00
775	do 6...	Jos. Bertrand.....	do ..	do ..	do ..	4 00
776	do 6...	Alphonse Cossette.....	do ..	do ..	do ..	4 00

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No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1777	May 6...	Alfred Patry..	Master, fore and aft, min'r inl'd waters	Ste. Emilie de Lotbinière, Que.	Three Rivers...	4 00
1778	do 5...	Louis Marchand.....	do ..	Champlain, Que...	do ..	4 00
1779	do 5...	Jos. Duval.....	do ..	Nicolet, Que.....	do ..	4 00
1780	do 5...	Chas. Bourgeois.....	do ..	Ste. Angèle de Laval, Que.	do ..	4 00
1781	do 5...	Jos. Bourgeois	do ..	do ..	do ..	4 00
1782	do 5...	Gideon Gagné	Master, fore and aft, minor coasting.	Les Eboulements, Que.	do ..	4 00
1783	do 5...	Isaac Fougère.....	Master, square rig, coasting.	Arichat West, N.S.	Halifax.....	4 00
1784	do 5...	Donald Morrisson....	Mate, fore and aft, coasting.	Louisburg, N.S....	do ..	2 00
1785	do 5...	Wm. O'Mara.....	Master, fore and aft, inland waters.	Smith's Falls, Ont.	Ottawa.....	4 00
1786	do 5...	Alex. Allan.....	Master, str., minor inland waters.	Smith's Falls, Ont.	Ottawa.....	4 00
1787	do 5...	Geo. Brooker	do ..	Dunville, Ont. ...	St. Catharines	4 00
1788	do 5...	Henry McDonald.....	do ..	Port Perry, Ont....	do ..	4 00
1789	do 6...	Wm. Hartwill Dowsoie...	Master, fore and aft, coasting.	Jordan Bay, N.S...	Halifax.....	4 00
1790	do 6...	Frank Thos. Robblee....	Master, square rig, coasting.	Granville, N.S....	do ..	2 00
1791	do 6...	Augustus Cuttler Davis	Master, str., minor inland waters.	Onslow, P.O., Que.	Ottawa.....	4 00
1792	do 3...	Jean Chapdelaine.....	do ..	Sorel, Que.....	Sorel.....	4 00
1793	do 3...	Louis Morasse.....	do ..	do ..	do ..	4 00
1794	do 3...	Leon Lavallée	do ..	do ..	do ..	4 00
1795	do 3...	Henry Côté, jun.....	do ..	St. Ours, Que.....	do ..	4 00
1796	do 3...	Cyrille Provencher.....	do ..	Sorel, Que.....	do ..	4 00
1797	do 3...	Edward Bondy.....	do ..	do ..	do ..	4 00
1798	do 3...	François Perron	do ..	do ..	do ..	4 00
1799	do 2...	Hector Beaudette	do ..	St. Jean des Chailons, Que.	do ..	4 00
1800	do 2...	Etienne Monarque.....	do ..	Sorel, Que.....	do ..	4 00
1801	do 2...	Isaïe Beaudry.....	do ..	do ..	do ..	4 00
1802	do 2...	Pierre Lavallée.....	do ..	do ..	do ..	4 00
1803	do 2...	Emmanuel Crépeau.....	do ..	do ..	do ..	4 00
1804	do 2...	Pierre Phillippe Rajotte	do ..	do ..	do ..	4 00
1805	do 2...	Michel Lavallée.....	do ..	do ..	do ..	4 00

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts.
1806	May 2...	Louis Montgrain.....	Master, str, minor inland waters.	Champlain, Que....	Sorel.....	4 00
1807	do 2 ..	Napoléon Colletie.....	do	Verchères, Que....	do	4 00
1808	April 30...	Jas. Edwd. Masters	Mate, square rig, coasting.	Somerville, N.S....	Halifax.....	2 00
1809	May 1...	Nazaire Mathurin.....	Master, str. and fore and aft, coasting.	St. Thomas, Que...	Quebec	4 00
1810	do 1...	Jos. Brown	Master, str., coasting.	Montreal, Que.....	do	4 00
1811	do 2...	Benjamin Ladebauche....	Mate, str., minor inland waters.	Sorel, Que.....	Sorel	2 00
1812	do 2...	Louis Ladebauche.....	do	do	do	2 00
1813	do 2...	Denis Richard	Master, fore and aft, minor inl'd waters.	do	do	4 00
1814	do 2...	Laurent Lagassé.....	Master, str., minor inland waters.	do	do	4 00
1815	do 2...	Gonzague Lafrenière.....	do	do	do	4 00
1816	do 2...	Paul Pollett.....	Master, fore and aft, min. inl'd. waters	do	do	4 00
1817	do 2...	Jos. Laforest.....	do	do	do	4 00
1818	do 2...	Alf. Vigneault.....	do	St. Grégoire, Que.	do	4 00
1819	do 2...	Louis Noël.....	Master, str., minor inland waters.	Aylmer, Que.....	Ottawa.....	4 00
1820	do 2...	Alfred Perron.	do	Laprairie, Que....	Sorel	4 00
1821	do 2...	Jean B. Ladebauche.....	Mate, str., minor inland waters.	Sorel, Que.....	do	2 00
1822	do 13...	Thadée Lachance.....	Master, str., minor inland waters, & fore & aft, coast'g	Point Lévis, Que...	Rimouski.....	4 00
1823	do 13...	David Bauville	Master, fore and aft, coasting.	Matane, Que.....	do	4 00
1824	do 13...	Daniel Bauville.....	do	do	do	4 00
1825	do 13...	Alex. Bouillon.....	do	St. Anaclet, Que...	do	4 00
1826	do 13...	Frs. Elzéar Heppel.....	Master, fore and aft and str., coasting	Father Point, Que.	do	4 00
1827	do 13...	Abraham Caron.....	Master, fore and aft, coasting.	Rimouski, Que.....	do	4 00
1828	do 12...	Jos. Bouillon.....	do	St. Anaclet, Que...	do	4 00
1829	do 12...	Ignace Poirier.....	Master, fore and aft and str., coasting	Rimouski, Que.....	do	4 00
1830	do 12...	Eusèbe Lussier.....	Master, fore and aft, min. inl'd. waters	Sorel, Que.....	Quebec.....	4 00
1831	do 13...	Paul Paoli.....	Master, fore and aft, coasting.	Charlotte town, P.E.I.	Charlottetown	4 00
1832	do 13...	Jas. T. H. Miller.....	do	Tignish, P.E.I.....	do	4 00
1833	do 13...	Michael Sweeny.....	Mate, str., coasting.	Charlottetown, P.E.I.	do	2 00
1834	do 13...	Denis McCarthy.....	do	do	do	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1835	May 15...	Simon Giffin.....	Master, fore and aft, coasting.	Isaac Harbor, N.S.	Sydney	4 00
1836	do 15...	Andrew Fougère.....	do	Arichat, C.B.....	do	4 00
1837	do 15...	Edward Beliel.....	Master, fore and aft, inland waters.	St. Catharines, Ont	St. Catharines	4 00
1838	do 15...	Benjamin Back.....	do	do	do	4 00
1839	do 15...	Alex. Norris.....	do	do	do	4 00
1840	do 15...	Alex. Bushey.....	Mate, fore and aft, coasting.	Souris East, P.E.I	Charlottetown	2 00
1841	do 15...	Reuben Card Anthony..	Master, fore and aft, coasting.	Lower Granville, N.S.	Halifax.....	4 00
1842	do 15...	Geo. Leonard Peck.....	do	Portland, N.B.....	St. John.....	4 00
1843	do 16...	Edward Desmarais.....	Master, fore and aft, min in'l d. waters	St. François du Lac, Que.	Quebec.....	4 00
1844	do 16...	Bernard Laroche.....	do	St. Croix, Que.....	do	4 00
1845	do 16...	Thos. Riverin.....	Master, str., minor inland waters.	Chicoutimi, P.Q...	do	4 00
1846	do 16...	Angus Baker	do	St. Nicholas, Que..	do	4 00
1847	do 16...	Elzéar Fortier	do	Ste. Anne de Beaupré, Que.	do	4 00
1848	do 16...	Jean Dechaine.....	Mate, str., minor inland waters.	Chicoutimi, Que...	do	2 00
1849	do 16...	François Fortier	do	Ste. Anne de Beaupré, Que.	do	2 00
1850	do 9...	Alex. Melançon	Master, fore and aft, coasting.	Port Gilbert, N.S...	Weymouth	4 00
1851	do 19...	Wm. Lannen	Master, fore and aft, inland waters.	Sarnia, Ont.....	St. Catharines.	4 00
1852	do 19...	Martin Green	Master, str., minor inland waters.	Dunville, Ont.....	do	4 00
1853	do 16...	Romuald Lamotte	Master, str. and fore and aft, minor inland waters.	St. Antoine, Que...	Quebec.....	4 00
1854	do 16...	Chas. McLean	do	Murray Bay, Que...	do	4 00
1855	do 19...	Wm. Rogers	Master, fore and aft, coasting.	Lennox Passage, C.B.	Sydney	4 00
1856	do 19...	Theophilus Rogers	do	do	do	4 00
1857	do 17...	Peter Emery Stuart.....	Master, square rig, coasting.	Yarmouth, N.S.....	Yarmouth	4 00
1858	do 21...	Geo. Enslie Hemeon	Master, fore and aft, coasting.	Liverpool, N.S.....	Halifax.....	4 00
1859	do 23...	Benj. Bezanson	Mate, fore and aft, coasting.	Harborville, N.S...	do	2 00
1860	do 23...	Fred. Remby	Master, fore and aft, coasting.	West Dublin, N.S..	do	4 00
1861	do 21...	Jos. Harris Dexter	do	Brooklyn, N.S.....	do	4 00
1862	do 21...	Wm. Harnish	do	Liverpool, N.S.....	do	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—Continued.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1863	May 21...	Jos. Norman Berry.....	Mate, fore and aft, coasting.	Clementsport, N.S.	Halifax.....	2 00
1864	do 21...	Chas. Henry Malcolm	Mate, square rig, coasting.	Cheverie, N.S.....	do	2 00
1865	do 21...	Leander Seymour Card..	do ..	Burlington, N.S....	do	2 00
1866	do 21...	Angus P. McDonald	Master, fore and aft, coasting.	Harbor au Bouche, N.S.	do	4 00
1867	do 21...	Daniel Eli Wilkie	do ..	La Have, N.S.....	do	4 00
1868	do 29...	Venceslas Bouchard	do ..	Isle aux Coudres, Que.	Quebec	4 00
1869	do 29...	Leon Bernier	Master, fore and aft, minor inland waters.	St. Jean des Chailons, Que.	do	4 00
1870	do 29...	Fidèle Laliberté	do ..	Ste. Emelie de Clairville, Que.	do	4 00
1871	do 29...	J. B. Ladebouche, jun. ...	Mate, str., minor inland waters.	Sorel, Que.....	do	2 00
1872	do 29...	Theodore Bouchard	Master, fore and aft, coasting.	Isle aux Coudres, Que.	do	4 00
1873	do 29...	Antoine Riverin	do ..	Murray Bay, Que...	do	4 00
1874	do 29...	Jos. Thibeault	do ..	Bay St. Paul, Que.	do	4 00
1875	do 29...	Sovel Courrier.....	Master, str., minor inland waters.	Lindsay, Ont.....	Lindsay	4 00
1876	do 29...	James Hamilton	do ..	Bobcaygeon, Ont...	do	4 00
1877	do 29...	Elijah Bottum	do ..	do ..	do	4 00
1878	do 29...	Albert Edward Bottum..	do ..	do ..	do	4 00
1879	do 29...	Charles Burk	do ..	Lindsay, Ont.....	do	4 00
1880	do 29...	John Smiley	do ..	Port Dalhousie, Ont	St. Catharines.	4 00
1881	do 28...	Jas. Victor Crawford....	do ..	Warton, Ont	Toronto	4 00
1882	do 28...	Marshal Vincent.....	do ..	Waubashene, Ont	do	4 00
1883	do 28...	Wm. McMaster.....	do ..	Pike Bay P.O., Ont	do	4 00
1884	do 28...	Andrew Jas. Tymon	do ..	Toronto, Ont.....	do	4 00
1885	do 28...	Wm. Bower Scott	Mate, str., minor inland waters.	do	do	2 00
1886	do 28...	Solomon Sylvester	Master, square rig and str., inland waters.	do	do	4 00
1887	do 28...	Timothy Toupin	Mate, str., inland waters.	Montreal, Que	do	2 00
1888	do 28...	Geo. Whelpley	Master, fore and aft, coasting.	Portland, St. John, N.B.	St. John.....	4 00
1889	do 28...	Theodore Harding Giffin.	do ..	Isaac's Harbour, N.S.	Halifax	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1890	May 28...	Chas. Edw. Pye	Master, square rig, coasting.	Halifax, N.S.....	Halifax.	4 00
1891	do 28...	Law. Netson McKenne ...	do	Lockeport, N.S....	do	4 00
1892	do 28...	Daniel Reilley	Master, fore and aft, inland waters.	Point Edward, Ont	St. Catharines.	4 00
1893	do 29...	Jos. Beaudet.....	Master, fore and aft, and mate, str., minor inl'd waters	St. Croix, Que.....	Quebec.....	4 00
1894	do 30...	Jos. Lavoie.	Master, fore and aft, coasting.	Father Point, Que.	do	4 00
1895	do 30...	Jas. Wm. Layton	do	Hopewell, N.S.....	St. John.....	4 00
1896	do 30...	Arthur Read.....	do	Portland, N.B.....	do	4 00
1897	do 28...	Fred. Richard Anthony .	Master, str., coasting.	Cow Bay, C.B	Sydney..	4 00
1898	do 31...	James McCabe.....	Master, fore and aft, coasting.	Parrsboro', N.S....	Parrsboro'.....	4 00
1899	June 10...	Robt. Pringle.....	Master, fore and aft, inland waters.	Southampton, Ont.	Kincardine ...	4 00
1900	do 10...	Duncan McLeod	do	Kincardine, Ont ...	do	4 00
1901	do 10...	Wm. Carroil	Mate, str., inland waters.	Toronto, Ont	Toronto	2 00
1902	do 10...	Paul Dusome	Master, str., minor inland waters.	Penetanguishene, Ont.	do	4 00
1903	do 10...	Daniel Fraser Mills.....	Mate, str., inland waters.	Prescott, Ont.....	do	2 00
1904	do 10...	Jno. Ellison, jun.....	Master, str., minor inland waters.	Port Stanley, Ont.	do	4 00
1905	do 10...	Thos. Johnson.....	do	Penetanguishene, Ont.	do	4 00
1906	do 10...	John Kelly	do	Toronto, Ont.....	do	4 00
1907	do 9...	Abraham Jewell Frame..	do	Warton, Ont.....	do	4 00
1908	do 9...	John Walker Cousins....	Master, str., inland waters.	Port Arthur, Ont..	do	4 00
1909	do 10...	Léon Chartier	Master, str., minor inland waters.	Nosbonsing, Ont...	Ottawa.....	4 00
1910	do 9...	Jos. Edgar Dowsett.....	Master, fore and aft, coasting.	Harvey, N.B.....	St. John.....	4 00
1911	do 9...	Jos. Wellington Forsyth.	do	do	do	4 00
1912	do 9...	Geo. Bennett	do	South Rockland, N.B.	do	4 00
1913	do 9...	Jacob Wentzel.....	do	La Have, N.S.....	Lunenburg ...	4 00
1914	do 9...	Antoine B. Bélanger	Mate, str., coasting.	L'Islet, Que.....	Quebec.....	2 00
1915	do 9...	Jos. Leblanc.....	do	do	do	2 00
1916	do 9...	Jas. Fraser	Master, fore and aft, coasting.	Point Edward, C.B	Sydney.....	4 00
1917	July 2...	Honoré Larosé.....	Master, fore and aft, minor inl'd waters.	St. Thomas de Pierreville, Que.	Quebec.....	4 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1918	June 27...	Chas. Albert Morrison ...	Master, fore and aft, coasting.	Londonderry, N.S.	Halifax.....	4 00
1919	do 27...	André Loubert.....	do	Maria, Que.....	New Carlisle..	4 00
1920	do 27...	James Cyr.....	do	do	do	4 00
1921	do 27...	Wm. Porlier.....	do	do	do	4 00
1922	do 27...	John Moulin.....	do	Paspebiac, Que....	do	4 00
1923	do 26...	Xavier Le Blanc	do	do	do	4 00
1924	do 26...	Abel Huard.....	do	do	do	4 00
1925	do 26...	Wm. Joseph	do	do	do	4 00
1926	do 26...	Aimé Holmes.....	do	do	do	4 00
1927	do 26...	Joseph Dugay	do	do	do	4 00
1928	do 26...	Arsène Boudreau	do	do	do	4 00
1929	do 26...	Zephirin Bourdage.....	Master, square rig, coasting.	Bonaventure, Que.	do	4 00
1930	do 26...	Martino Apt.....	Master, str., minor inland waters.	Portland, N.B....	St. John.....	4 00
1931	do 26...	Arthur Wellesley Brown	Master, fore and aft, coasting.	do	do	4 00
1932	do 26...	Thos. Newton Bakewell..	Master, str., inland waters.	Parry Sound, Ont.	Toronto.....	4 00
1933	do 26...	James Murphy.....	Master, str., minor inland waters.	Algoma Mills, Ont	do	4 00
1934	do 19...	Jas. Foster.....	do	Windsor, Ont.	do	4 00
1935	do 19...	Melanchton Simpson.....	do	Toronto, Ont.	do	4 00
1936	do 19...	Sam'l Jno. Atkinson	do	do	do	4 00
1937	do 19...	Michael McCum	Master, str., minor inland waters.	Windsor, Ont.....	do	4 00
1938	do 19...	Jas. Noble.....	Master, str., minor inland waters.	Killarney, Ont.....	do	4 00
1939	do 19...	Michael Jos. Collins	Mate, square rig, inland waters.	Bobcaygeon, Ont...	Lindsay.....	2 00
1940	do 19...	Jas. Luther White	Master, str., minor inland waters.	Harwood, Ont.....	Cobourg.....	4 00
1941	do 19...	Jas. Warren Gidley	do	Penetanguishene, Ont.	Penetanguishene.	4 00
1942	do 19...	Wm. Aldred.....	do	Windsor, Ont.....	Windsor	4 00
1943	do 20...	Augure Langelier	Master, fore and aft, coasting.	L'Islet, Que	Quebec.....	4 00
1944	do 20...	Fabien Danglade	do	Chicoutimi, Que...	do	4 00
1945	do 20...	Jérôme Savard	Mate, str., coasting.	Malbaie, Que.	do	2 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1946	June 20...	Rozaire Thibadeau	Master, fore and aft, min. in'l'd waters.	Portneuf, Que	Quebec	4 00
1947	do 19...	Ulric Thibadeau	do	do	do	4 00
1948	do 19...	Jacques Fiset	Master, str., minor inland waters.	Quebec, Que.....	do	4 00
1949	do 19...	Ludger Fournier.....	do	St. Antoine de Til- ley, Que.	do	4 00
1950	do 19...	Louis Alex'r Boudreau ..	Master, fore and aft, coasting.	St. Charles Caplin, Que.	New Carlisle ..	4 00
1951	do 20...	Edward Dugay	Mate, fore and aft, coasting.	Paspebiac, Que. ...	do	2 00
1952	do 20...	Paul Lemay	do	do	do	2 00
1953	do 19...	Warrington Pritchard....	Master, fore and aft, inland waters.	Port Arthur, Ont.	Port Arthur ...	4 00
1954	do 19...	Lochlan Currie	Mate, fore and aft, inland waters.	Port Elgin, Ont....	do	2 00
1955	do 19...	Jno. McKenzie.....	Master, steamer, in- land waters.	Port Arthur, Ont ..	do	4 00
1956	do 19...	Geo. Cosgrave	do	do	do	4 00
1957	do 19...	Alex'r Edwin McGregor..	do	Goderich, Ont.....	do	4 00
1958	do 19...	David Pigot	Master, fore and aft, coasting.	Savage Harbor, P.E.I.	Charlottetown	4 00
1959	do 19...	Wm. Henry Kerr....	Master, str., minor inland waters.	Brockville, Ont. ...	Ottawa	4 00
1960	do 20...	Dominique Landry.....	Master, fore and aft, coasting.	Petit de Grat, C.B.	Sydney.....	4 00
1961	do 20...	Johnson Renwic Pettis...	Mate, fore and aft, coasting.	Fox River, N.S.....	Parrsboro'	2 00
1962	do 20...	Jeremiah V. Ditmars	Master, str., inland waters, or fore & aft, sailing.	St. Catharines, Ont	St. Catharines	4 00
1963	do 21...	Jno. G. Townsend	Mate, fore and aft, coasting.	Cape Breton, N.S..	Lunenburg ...	2 00
1964	do 27...	Geo. Reynolds.....	Mate, square rig, in- land waters.	Oakville, Ont.....	St. Catharines	2 00
1965	do 27...	Jno. Boudrot.	Mate, fore and aft, coasting.	Petit de Grat, C.B.	Sydney	2 00
1966	do 27...	Jno. Polly.....	Master, str., inland waters.	Chatham, Ont.....	Ottawa	4 00
1967	do 30...	Olof Wm. Johnson.	Master, fore and aft, coasting.	Parrsboro', Ont....	Cornwallis ...	4 00
1968	July 2...	Nap. Marand dit Grimard	Master, fore and aft, min. in'l'd waters	St. Jean des Chail- lons, Que.	Quebec.	4 00
1969	do 2...	Moïse Robidoux.....	do	Yamaska, Que.....	do	4 00
1970	do 2...	Ovide Dufour.	Master, fore and aft, coasting.	Isle aux Coudres, Que.	do	4 00
1971	do 2...	J. D. Sullivan.....	Master, str. and fore and aft, inland waters.	Windsor, Ont.....	Toronto	4 00
1972	June 19...	Jno. Gidley.....	do	Penetanguishene, Ont.	do	4 00

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.		Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.						\$ cts.
973	July	3...	Jno. Britt.....	Master, fore and aft, coasting.	St. Andrews, N.B.	St. John.....	4 00
974	do	3...	Timothy McCarthy.....	Mate, str., coasting.	Str. "Empress"...	do	2 00
975	do	3...	Alfred L. Peatman.....	Master, fore and aft, coasting.	Gibson, N.B....	do	4 00
976	do	3...	Fredk. Pheasant.....	Master, str., coasting.	St. John, N.B.....	do	4 00
977	do	2...	Wm. C. Wood.....	Master, fore and aft, coasting.	Albert, N.B.....	do	4 00
978	do	7...	Harvey Peters.....	Mate, fore and aft, inland waters.	Port Dalhousie, Ont.	St. Catharines	2 00
979	do	10...	John Mowat.....	do	Toronto, Ont.....	Toronto	2 00
980	do	10...	Donald G. Munro	Master, fore and aft, inland waters.	Port Arthur, Ont..	do	4 00
981	do	10...	Wm. Alex. Milloy.....	Master, str, inland waters.	Niagara, Ont.....	do	4 00
982	do	10...	Nicolas Marin.....	do	Port Arthur, Ont..	do	4 00
983	do	10...	Donald Morrison.....	Master, str., minor inland waters.	do	Port Arthur....	4 00
984	do	7...	Thos. Henry Tretheway.	Master, str. and fore and aft, inland.	do	do	4 00
985	do	9...	Randal Michael Ryan....	Master, square rig, coasting.	Lockeport, N.S....	Halifax.....	4 00
986	do	9...	Edward Chalton Berry...	Master, fore and aft, coasting.	Clementsport, N.S	Annapolis.....	4 00
987	do	9...	Thos. Freeman Reeves...	do	Port Hawkesbury, N.S.	Sydney.....	4 00
988	do	10...	John Young.....	Master, str., minor inland waters.	Brockville, Ont....	Ottawa.....	4 00
989	do	10...	Thos. Crawford.....	Mate, str, minor inland waters.	Pictou, N.S.	Pictou.....	2 00
990	do	10...	Jas. Newton Sponagle....	Master, square rig, coasting.	West Dublin, N.S.	Liverpool.....	4 00
991	do	16...	Jos. Westaway.....	do	Georgetown, P.E.I	Charlottetown	4 00
992	do	21...	James Scott.....	Master, fore and aft, coasting.	Pictou, N.S.	Pictou.....	4 00
993	do	16...	Robt. Smith.....	do	Liverpool, N.S....	Liverpool.....	4 00
994	do	17...	Alexander Crowell.....	Mate, square rig, coasting.	do	do	2 00
995	do	16...	Jean Robichaud.....	do	St. Jean Port Joli, Que.	Quebec	4 00
996	do	17...	Alex. Weatherby	Master, fore and aft, coasting.	Tatamagouche, N.S	Pictou	4 00
997	do	18...	Wm. Seaman Downey....	Mate, fore and aft, coasting.	Parrsboro', N.S....	Parrsboro'	2 00
998	do	18...	Henry Sorrel Nickerson..	Master, fore and aft, coasting.	Port Clyde, N.S....	Shelburne	4 00
999	do	21...	Jno. Nelson Berry	do	Clementsport, N.S.	Annapolis.....	4 00
1000	do	18...	Ed. Theodore McDonald.	do	Great Bras d'Or, N.S.	Halifax	4 00

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee
	1884.					\$ ct
2001	July 18...	Seymour Malcolm.....	Master, square rig, coasting.	Hantsport, N.S.....	Halifax.....	4 0
2002	do 17...	Douglas McEachern	Mate, square rig, coasting.	Halifax, N.S.....	do	2 0
2003	do 12...	Israel Browne	Master, square rig, coasting.	Margaretsville, N.S.	do	4 0
2004	do 18...	Geo. H. Wilcox	Master, str., minor inland waters.	Port Robinson, Ont.	St. Catharines.	4 0
2005	do 12...	Jeremiah Sheehan	Mate, fore and aft, inland waters.	Toronto, Ont.	do	2 0
2006	do 22...	George Haines.....	Mate, str., minor inland waters.	Summerstown, Ont.	Ottawa	2 0
2007	Aug. 4...	Robt. Kennedy Shafner...	Master, fore and aft, coasting.	Lower Granville, N.S.	Halifax	4 0
2008	do 2...	Chas. Boudreau.	do	West Arichat, N.S.	Sydney	4 0
2009	do 2...	Alex. McNabb	Master, fore and aft and str., inland waters.	Port Arthur, Ont..	Port Arthur...	4 0
2010	do 4...	Louis Haines	Mate, str., minor inland waters.	Dundee, Que.....	Ottawa	2 0
2011	do 4...	Arthur Wallace	Master, fore and aft, coasting.	St. John, N.B.	St. John.....	4 0
2012	do 4...	Jno. Henry Thompson ...	Master, str., minor inland waters.	Port Dover, Ont....	Port Dover....	4 0
2013	do 4...	Morris Flynn	Mate, fore and aft, inland waters.	Toronto, Ont.	Toronto	2 0
2014	do 4...	Alpha B. Soper	Master, str., inland waters.	Rondeau Harbor, Ont.	do	4 0
2015	do 5...	Jno. Judson Campbell ...	Master, str., minor inland waters.	Kingston, Ont.....	Kingston	4 0
2016	do 5...	Alonzo Merritt.....	Master, fore and aft, coasting.	Clementsport, N.S.	Annapolis	4 0
2017	do 5...	John Rankin.....	Master, str., minor inland waters.	Cazaville, Que.....	Kingston	4 0
2018	do 28...	Alex. McDonald	Master, fore and aft, coasting.	Bras d'Or, C.B....	Halifax	4 0
2019	do 28...	Daniel McVicar.....	Mate, fore and aft, inland waters.	Toronto, Ont.	Toronto	2 0
2020	do 28...	Henry Powers	do	do	do	2 0
2021	do 28...	Thomas Ellis	Master, str., minor inland waters.	Roach's Point, Ont.	do	4 0
2022	do 29...	Lorenzo H. Rourke.....	Master, fore and aft, coasting.	St. George, N.B....	St. John.....	4 0
2023	do 28...	James Tarrice	Mate, fore and aft, coasting.	Indian Town, N.B.	do	2 0
2024	do 29...	Wm. Bullerwell	Mate, square rig, coasting.	Cambridge, N.S....	do	2 0
2025	do 29...	Theophilus Cowen Mars- ters.	Master, str., minor inland waters; also to command a str. on Bay of Fundy.	Hantsport, N.S. ...	Halifax	4 0
2026	do 29...	Andrew Beison	Master, square rig, coasting.	Windsor, N.S.....	do	4 0

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List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
27	Aug. 28...	Wm. Morris Kennedy.....	Master, str., minor inland waters.	Burk's Falls, Ont.	Toronto	4 00
28	do 28...	Geo. Nash.....	Mate, str., inland waters.	Niagara, Ont.....	do	2 00
29	do 28...	John Mowat.....	Mate, fore and aft, inland waters.	Toronto, Ont	do	2 00
30	do 28...	John Rogers.....	Master, str., minor inland waters.	Port Sandfield, Ont	do	4 00
31	do 28...	Lorenzo McKenvey.....	do ..	Huntsville, Ont....	do	4 00
32	do 28...	James Martin.....	Master, fore and aft, inland waters.	Oakville, Ont.....	do	4 00
33	do 28...	Geo. E. Lovelace	Mate, fore and aft, coasting.	Canning, N.S.....	Corawallis	2 00
34	do 28...	John Hunter.....	do ..	Hopewell Cape, NB	St. John	2 00
35	do 28...	Wm. H. Crawford	Mate, str., inland waters.	Port Arthur, Ont...	St. Catharines.	2 00
36	do 28...	Alfred Howard	Master, str., minor inland and fore and aft, inland waters.	Warton, Ont.....	Toronto	4 00
37	do 28...	Jno. Maloney	Master, fore and aft, coasting.	St. Andrews, N.B.	St. John.....	4 00
38	Sept. 1...	Chas. Howard Matthews.	Master, str., minor inland waters and Gulf St. Lawrence	Chatham, N.B	do	4 00
39	do 9...	Wm. Earnest Peasley...	Mate, str., minor inland waters.	Georgeville, Que...	Georgeville ...	2 00
40	Oct. 6...	Jno. Frank McMaster.....	Master, str., minor inland waters.	Trenton, Ont.....	Kingston	4 00
41	Sept. 10...	Chas. Hendrickson	do ..	Bruce Mines, Ont .	Toronto	4 00
42	do 10...	Thos. Harris.....	do ..	Gore's Landing, Ont.	Ottawa.....	4 00
43	do 15...	Frs. Achille Menard	Master, fore and aft, coasting.	Stanport, Que	Quebec.....	4 00
44	do 15...	Isaïe Gingras.....	Master, fore and aft, minor inland waters	St. Appolinaire, Que.	do	4 00
45	do 15...	Wm. Thos. Smith.....	Master, square rig, coasting.	New Carlisle, Que.	do	4 00
46	do 30...	Chas. Walters Rudolph .	Master, fore and aft, coasting.	Pubnico, N.S	Yarmouth	4 00
47	Oct. 3...	Jas. W. Farnsworth	do ..	Hampton, N.S.....	St. John.....	4 00
48	do 6...	John McKay.....	do ..	New London, P.E.I	Charlottetown	4 00
49	do 6...	Alex. McKenzie.....	Mate, str., inland waters.	Owen Sound, Ont..	Toronto	2 00
50	do 7...	Louis Hercules Beaulieu..	Master, str., minor inland waters.	Sorel, Que.....	Montreal	4 00
51	do 7...	Edouard Painchaud	do ..	Montreal, Que	do	4 00
52	do 8...	Xavier Laviolette.....	Master, str. and fore and aft, inland waters.	St. Ours, Que.....	do	4 00
53	do 8...	Frs. Xavier Tetreault....	Mate, str., minor inland waters.	Sorel, Que.....	do	2 00

**List of Certificates of Competency and Service granted to Masters and Mates
Inland and Coasting Vessels, &c.—Continued.**

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.
	1884.				
2054	Oct. 8...	Levi Ladébauche	Mate, str., minor inland waters.	Sorel, Que.....	Montreal
2055	do 8...	Jean Baptiste Vilandre...	do ..	do	do
2056	do 9...	Pierre Latour.....	Mate, str., minor inland waters.	L'Isle Dupas, Que	do
2057	do 10...	Joseph Gouin.....	do ..	St. Ours, Que.....	do
2058	do 10...	Godfrey Bouillet.....	Master, str., minor inland waters.	L'Assomption, Que	do
2059	do 10...	Alphonse Gouin	do ..	St. Ours, Que.....	do
2060	do 10...	Ernest Brousseau.	do ..	Montreal, Que.....	do
2061	do 11...	Jos. Edgar Coursel.....	do ..	do	do
2062	do 11...	Pierre Zotique Ste. Marie	do ..	Longueuil, Que....	do
2063	do 11...	Geo. Carley	do ..	Midland, Ont.....	Toronto
2064	do 4...	Richard Musgrove.	Mate, str., inland waters.	Hantsport, N.S....	Halifax
2065	do 7...	Nelson J. Wigle	Master, str., minor inland waters.	Windsor, Ont.....	Windsor
2066	do 9...	Donald McMillan.	Mate, str., inland waters.	Glenarm, Ont.....	Kingston.....
2067	do 9...	Hugh Cope Rothwell.....	Master, str., minor inland waters.	Kingston, Ont.....	do
2068	do 9...	John Frank McMaster....	Master, fore and aft, coasting.....	Trenton, Ont.....	do
2069	do 9...	Patrick Jos. Kennedy....	do ..	Halifax, N.S.....	Halifax
2070	do 9...	Byron Hines.....	do ..	Pubnico, N.S.....	Yarmouth.....
2071	do 15...	Elias Rawding.....	Mate, fore and aft, coasting.	Clementsport, N.S	Annapolis.....
2072	do 15...	Wm. Kimball	Master, str., minor inland waters.	Collins' Inlet, Ont.	Toronto
2073	do 15...	Alex. Easler	Master, fore and aft, coasting	Adocate, N.S.....	Parrsboro'
2074	do 15...	Geo. Moors.....	Mate, square rig, coasting.	Georgetown, P.E.I	Charlottetown
2075	do 15...	Elisha Edward Grant....	Master, square rig, coasting.	Port Greville, N.S.	Parrsboro'
2076	do 15...	Robert Whitman Caffery.	Mate, square rig, coasting.	Clementsport, N.S.	Annapolis
2077	do 16...	Wm. Edward Kennedy...	Master, fore and aft, coasting.	Little Lorraine, C.B N.S.	Halifax
2078	do 16...	Millidge Geo. Apt.	do ..	Granville, N.S.....	Annapolis
2079	do 16...	Malcolm May	Master, fore and aft, inland waters.	Port Stanley, Ont.	Kingston.....
2080	do 30...	Jas. Rose.....	Mate, str., minor inland waters.	Westfield, N.B.....	St. John.....
2081	do 30...	Elkanabi Dingee.....	do ..	Georgetown, N.B..	do

st of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
1884.					\$ cts.
Oct. 30...	John Davey.....	Master, str., minor inland waters.	Parry Sound, Ont.	Toronto	4 00
Nov. 5...	Wm. Gillespie	Mate, str., coasting.	Victoria, B.C.....	Victoria.....	2 00
do 5...	Walter Leonard.....	do	do	do	2 00
do 11...	Wm. Fortune.....	Master, str., inland waters.	Tranquille Mills, Kamloops, B.C.	do	4 00
do 11...	Edmund C. Shepherd....	do	Quesnelle, B.C.....	do	4 00
do 11...	James D. Tackaberry	do	New Westminster, B.C.	do	4 00
do 12...	John Andrew Mara.....	do	Kamloops, B.C.....	do	4 00
do 12...	John Cole	Mate, fore and aft, coasting.	Dorchester, N.B....	St. John.....	2 00
do 12...	Caleb Hines	Master, fore and aft, coasting.	Pubnico, N.S.	Yarmouth	4 00
do 5...	Hilary Landry.....	Master, square rig, coasting.	Petit de Grat, N.S.	Sydney	4 00
do 5...	Edward Collis.....	Mate, str., coasting	Victoria, B.C.	Victoria.. ..	2 00
do 12...	Alfred Kennedy.....	Mate, str., inland waters.	do	do	2 00
do 12...	James Ramsey.....	Master, str., coasting.	do	do	4 00
do 12...	Diederich W. Aden.....	do	do	do	4 00
do 12...	William Saul	Mate, str., inland waters.	Kamloops, B.C.....	do	2 00
do 19...	William Fredk. Butler....	Master, fore and aft, coasting.	Halifax, N.S.....	Halifax	4 00
Dec. 11...	Andrew Norwood.....	Mate, str., minor inland waters.	Gagetown, N.B. ...	St. John.....	2 00
do 15...	Adam Power.....	Master, fore and aft, coasting.	Port aux Basque, Nfld.	Sydney.....	4 00
do 16...	Joseph Dionne.....	Master, fore and aft, minor inland waters.	St. Ours, Que.	Quebec	4 00
do 16...	Ephrem Duguay	Master, fore and aft, coasting and str., minor inland waters.	Chicoutimi, Que ...	do	4 00
do 19...	Patrick McGlaughlin	Master, fore and aft, sailing, and str., inland waters.	Oakville, Ont.	Toronto.....	4 00
do 23...	Albert W. Palmateer.....	Master, fore and aft, inland waters.	Picton, Ont.	do	4 00
do 31...	Abner W. Crawford	Master, str., inland waters.	Bowmanville, Ont.	Port Arthur...	4 00

Fees received from applicants who received certificates of service, to 31st December, 1884.....	\$ cts. 7,530 00
Fees received from candidates who failed to pass the Board for certificates of service	24 00

Total fees received for certificates of service, to 31st Dec., 1884.... \$7,554 00

LIST of Certificates of Competency and Service granted to Masters and Mates
Inland and Coasting Vessels, &c.—*Continued.*

COMPETENCY.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1883.					\$ c
1	Dec. 26...	Lovitt Wilson Hines.....	Master, coasting, fore and aft.	Argyle, N.S.	Yarmouth	8
	1884.					
2	Jan. 15...	Jas. Woodworth Gould..	do	Canada Creek, N.S.	Halifax.....	8
3	do 24...	H. O. Comeau	do	Carleton, N.B.	St. John.....	8
4	do 24...	Wm. A. Finley	do	Portland, N.B.	do	8
5	do 24...	Walter L. McLean	do	St. John, N.B.	do	8
6	do 24...	E. A. Holder	do	Portland, N.B.	do	8
7	Feb. 13...	H. N. Prince	do	St. John, N.B.	do	8
8	do 13...	Cornelius Ed. Haley.....	do	do	do	8
9	do 13...	C. T. Calkin.....	do	Hillsboro', N.B.	do	8
10	Mar. 10...	Elias Bennett	do	do	do	8
11	do 13...	James A. Dixon	do	St. John, N.B.	do	8
12	do 20...	Daniel F. Grady.....	do	Carleton, N.B.	do	8
13	do 20...	H. S. Young.....	do	do	do	8
14	do 20...	George D. Purdy	do	do	do	8
15	do 28 ..	James Williamson	Master, str., minor inland waters.	Grenville, Que ...	Ottawa	8
16	do 31...	H. Wm. Bowie.....	do	Ottawa, Ont.....	do	8
17	do 31...	Walter Percy.....	do	do	do	8
18	April 1...	Chas. Wm. McK. Swaine.	Master, square rig, coasting.	N. E. Harbor, N.S.	Yarmouth	8
19	do 1...	John A. Stuart	do	Church Point, N.S.	do	8
20	do 1...	James LeBlanc	do	Tusket, N.S.	do	8
21	do 2...	William Henry	Mate, str., inland waters.	Prescott, Ont.....	Prescott.....	4
22	do 2...	Joseph John Cowan.....	do	do	do	4
23	do 9...	Alexander McLean.....	Master, str., coasting.	Victoria, B.C.	Victoria	8
24	do 9...	John Leech.....	Mate, str., coasting	do	do	4
25	do 9...	John Sinclair.....	Master, str., inland waters.	Owen Sound, Ont.	Owen Sound..	8
26	do 9...	Chas. Gordon	Mate, str., inland waters.	do	do	4
27	do 9...	James M. Seater	do	do	do	4

List of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
1884.					\$ cts.
April 9...	Alex. McLeod	Master, str., inland waters.	Owen Sound, Ont.	Collingwood..	8 00
do 9...	John Foley.....	do ...	Collingwood, Ont.	do ...	8 00
do 9...	Henry Jeffrey.....	do ...	Windsor, Ont	do ...	8 00
do 9...	James Hanley	Master, str., fore and aft, inland waters	Kingston, Ont	Kingston.....	8 00
do 17...	George P. Clifford	Master, str., inland waters.	St. Catharines, Ont	St. Catharines	8 00
do 17...	Malcolm McLeod.....	Mate, str., inland waters.	Port Colborne, Ont	do ...	4 00
do 17...	D. Rudderham.....	Master, str., coasting.	North Sydney, C.B. N.S.	Sydney.....	8 00
do 17...	D. N. McDonald	Master, square rig, coasting.	Glace Bay, C.B., N.S.	do	8 00
do 17...	Chas. Lorway	do ...	Sydney, C.B., N.S.	do	8 00
do 17...	Robert Sharp.....	Master, str., coasting.	Victoria, B.C.	Victoria.....	8 00
do 17...	Neil Campbell	Master, str., inland waters.	Collingwood, Ont.	Collingwood..	8 00
do 17...	Peter Olssen.....	do ...	do ...	do ...	8 00
do 29...	John Val. Trowell	do ...	Toronto, Ont	Toronto	8 00
do 29...	Neil Landry.....	Master, square rig, coasting.	Cow Bay, C.B., N.S.	Sydney	8 00
do 21...	B. M. Edin.....	do ...	Lakefield, Ont.....	Peterboro'.....	8 00
do 24...	Wm. James Bassett	Master, str., inland waters.	Collingwood, Ont.	Toronto ...	8 00
do 24...	John Clifford.....	do ...	St. Catharines, Ont	St. Catharines	8 00
do 24...	H. Stanton	Master, str., fore and aft, inland waters	Picton, Ont.....	Picton.....	8 00
do 24...	Edmond Groulx	Mate, str., inland waters.	Beauharnois, Que.	Montreal.....	4 00
do 24...	John Keith	Master, square rig, inland waters.	Port Colborne, Ont	Cobourg.....	8 00
do 24...	James Joseph Fleming..	Mate, fore and aft, inland waters.	Kingston, Ont.....	Kingston	4 00
do 29...	Chas. Jos. Beaupré.....	Master, fore and aft, inland waters.	Portsmouth, Ont...	Kingston	8 00
do 29...	DeWitt Carter	Master, str., inland waters.	Port Colborne, Ont	St. Catharines	8 00
do 29...	Jas. McMaugh	do ...	St. Catharines, Ont	do ...	8 00
do 29...	Arthur May.....	do ...	do ...	do ...	8 00
do 29...	Henry Chestnut.....	do ...	do ...	do ...	8 00
do 29...	H. McClory.....	Master, fore and aft, inland waters.	do ...	do ...	8 00
do 26...	Chas. S. Carter	Master, str., inland waters.	Port Colborne, Ont	do ...	8 00
May 1...	Geo. Riverin.....	do ...	Murray Bay, Que..	Quebec.....	8 00

LIST of Certificates of Competency and Service granted to Masters and Mates of
Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ cts
57	May 1...	L. R. Demers.....	Master, str. and square rig, coasting.	Quebec.....	Quebec.....	8 0
58	do 1...	J. B. Nadeau.....	Master, str., coasting.	Lévis, Que.....	do	8 0
59	do 1...	J. B. Patoine.....	do	do	do	8 0
60	do 1...	F. M. White	do	Victoria, B.C.....	Victoria.....	8 0
61	April 29...	A. W. McMaugh.....	Master, str., inland waters.	St. Catharines, Ont.	Windsor.....	8 0
62	May 7...	Jas. Boaz.....	Master, fore and aft, inland waters.	Windsor, Ont.....	do	8 0
63	do 8...	R. B. Somerville.....	Master, fore and aft, coasting.	St. John, N.B.....	St. John.....	8 0
64	do 8...	Thos. Clark.....	Master, str., coasting.	Portland, N.B.....	do	8 0
65	do 5...	Jas. Ormond.....	Master, square rig, coasting.	Sydney, B.C., N.S.	Sydney.....	8 0
66	do 7...	Daniel May.....	Master, fore and aft, inland waters.	Port Stanley, Ont.	St. Catharines	8 0
67	do 5...	Wm. Connor.....	Master, str., inland waters.	St. Catharines, Ont.	do	8 0
68	do 7...	Jas. McSherry.....	Master, str., minor inland waters.	Toronto, Ont.,	Toronto	8 0
69	do 7...	W. E. Murphy	do	do	do	8 0
70	do 10...	Denis Enright.....	Master, fore and aft, inland waters.	St. Catharines, Ont.	St. Catharines	8 0
71	do 16...	Wm. Bloomfield.....	Mate, str., minor inland waters.	Kingston, Ont.....	Kingston.....	4 0
72	do 15...	T. H. Benwell.....	Master, str., minor inland waters.	Lion's Head, Ont..	St. Catharines	8 0
73	do 16...	Geo. W. Robertson.....	Mate, fore and aft, inland waters.	Port Hope, Ont....	Port Hope.....	4 0
74	do 16...	S. V. Anderson.....	Master, str., minor inland waters.	Picton, Ont.....	Picton.....	8 0
75	do 16...	John Williams	Master, fore and aft, inland waters.	Norway, Ont.....	Toronto	8 0
76	do 16...	Robert D. Foote.....	Master, str., inland waters.	Fergus, Ont.....	do	8 0
77	do 16...	Thos. C. Boothman	do	Hamilton, Ont.	do	8 0
78	do 16...	Jas. Robertson.....	Master, fore and aft, inland waters.	Toronto, Ont.....	do	8 0
79	do 30...	Robt. Walton.....	Master, str., inland waters.	Port Dalhousie, Ont.	St. Catharines	8 0
80	do 29...	J. T. Lewis.....	Master, square rig, coasting.	Point Edward, N.S.	Sydney.....	8 0
81	do 29...	Wm. McBride.....	do	Harbourville, N.S.	St. John.....	8 0
82	June 9...	C. D. Dykeman.....	Master, fore and aft, coasting.	St John, N.B.....	do	8 0
83	do 21...	Marcus Hicks.....	Master, square rig, coasting.	Dorchester, N.B....	do	8 0
84	do 26...	Paul Howell.....	Master, str., inland waters.	Port Arthur, Ont..	Toronto	8 0

List of Certificates of Competency and Service granted to Masters and Mates of Inland and Coasting Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
85	July 9...	Robert Rankin.....	Mate, fore and aft, inland waters.	Port Hope, Ont.....	Port Hope.....	4 00
86	do 10...	Samuel Hill.....	Mate, str., inland waters.	Medonté, Ont.....	Collingwood..	4 00
87	do 17...	Louis Bang.....	Master, fore and aft, inland waters.	Port Dalhousie, Ont	St. Catharines	8 00
88	Aug. 4...	Chas. E. McArthur.....	Master, square rig, coasting.	Pictou, N.S.....	Sydney.....	8 00
89	do 28...	Wm. Carlin.....	do ..	Sydney, C.B., N S.	do ..	8 00
90	Sept. 10...	E. E. Cleveland.....	Master, str., minor inland waters.	Londonville, N.S.W.	Georgeville....	8 00
91	Oct. 30...	F. M. Hackett.....	Master, square rig, coasting.	North Sydney, C.B N.S.	Sydney.....	8 00
92	Nov. 19...	Robt. Chestnut.....	Master, str., inland waters.	St. Catharines, Ont.	St. Catharines	8 00
93	do 19...	Leander Estabrooks.....	do ..	Lower Burton, N.B	St. John.....	8 00
94	Dec. 31...	F. E. Vincent..	Master, str., minor inland waters.	Midland, Ont.	Toronto	8 00
95	do 31...	Oliver Patenaude.....	Master, str., inland waters.	Melocheville, Que.	do	8 00
96	do 31...	Wm. G. Batten.....	do ..	Barriefield, Ont.....	do	8 00
Total Competency.....						720 00

APPENDIX No. 3.

REPORT OF THE CHAIRMAN OF THE BOARD OF EXAMINERS OF
MASTERS AND MATES, FOR THE CALENDAR YEAR ENDED 31st
DECEMBER, 1884.

HALIFAX, N.S., 5th January, 1885.

SIR,—I have the honor to submit a Report of the proceedings of the Board of Examiners of Masters and Mates, for the calendar year ended 31st December, 1884.

The Board sat at the Ports of Quebec, Charlottetown, P.E.I., St. John, N.B., Yarmouth, N.S., and Halifax, N.S.

At Halifax, N.S., on 7th and 8th January :

Masters who obtained certificates.....	1
Mates do do	4

One candidate for the grade of Master and two for that of Mate having failed in navigation.

At Yarmouth, N.S., 14th and 15th January :

Masters who obtained certificates.....	nil
Mates do do	4

At St. John, N.B., on 17th and 18th January :

Masters who obtained certificates.....	nil
Mates do do	1
2nd Mates do do	1

One candidate for the grade of Master and one for that of Mate having failed in navigation.

At Halifax, N.S., on 1st and 2nd February :

Masters who obtained certificates.....	3
Mates do do	2

One candidate for the grade of Mate having failed in navigation.

At St. John, N.B., on 3rd and 4th March :

Masters who obtained certificates.....	1
Mates do do	3

Four candidates for the grade of Mate having failed in navigation.

At Yarmouth, N.S., on 6th and 7th March :

Masters who obtained certificates.....	2
Mates do do	1

One candidate for the grade of Master and two for that of Mate having failed in navigation, and two for the latter grade failing in seamanship.

At Halifax, on 12th and 13th March :

Masters who obtained certificates.....	4
Mates do do	1
2nd Mates do do	1

Two candidates for the grade of Mate having failed in navigation.

At Halifax, N.S., on 3rd and 4th April :

Masters who obtained certificates.....	1
Mates do do	2
2nd Mates do do	1

On candidate for the grade of Mate having failed in navigation.

At Yarmouth, N.S., on 14th and 15th April :		
Masters who obtained certificates.....	2	
Mates do do	1	
One candidate for the grade of Master and four for that of Mate having failed in navigation.		
At St. John, N.B., on 17th and 18th April :		
Masters who obtained certificates.....	1	
Mates do do	5	
2nd Mates do do	1	
One candidate for the grade of Mate having failed in navigation.		
At Charlottetown, P.E.I., on 3rd and 5th May :		
Masters who obtained certificates.....	1	
Mates do do	1	
One candidate for the grade of Mate and one for that of 2nd Mate having failed in navigation.		
At Halifax, N.S., on 8th and 9th May :		
Masters who obtained certificates.....	nil.	
Mates do do	5	
At St. John, N.B., on 17th and 19th May :		
Masters who obtained certificates.....	nil.	
Mates do do	1	
One candidate for the grade of Master and three for that of Mate having failed in navigation.		
At Yarmouth, N.S., on 20th and 21st May :		
Masters who obtained certificates.....	2	
Mates do do	1	
Two candidates for the grade of Mate and one for that of 2nd Mate having failed in navigation.		
At Halifax, N.S., on 4th and 5th June :		
Masters who obtained certificates.....	2	
Mates do do	2	
Two candidates for the grade of Mate having failed in navigation.		
At St. John, N.B., on 11th and 12th June :		
Masters who obtained certificates.....	3	
Mates do do	2	
Two candidates for the grade of Mate having failed in navigation.		
At Yarmouth, N.S., on 14th and 16th June :		
Masters who obtained certificates.....	1	
Mates do do	1	
At Halifax, N.S., on 2nd and 3rd July :		
Masters who obtained certificates.....	2	
Mates do do	1	
2nd Mates do do	1	
Four candidates for the grade of Mate having failed in navigation.		
At Halifax, N.S., on 9th and 10th July :		
Masters who obtained certificates.....	2	
Mates do do	1	
One candidate for the grade of Mate having failed in navigation.		
At Yarmouth, N.S., on 12th and 14th July :		
Masters who obtained certificates.....	2	
Mates do do	nil.	
Two candidates for the grade of Mate having failed in navigation.		

At Halifax, N.S., on 1st and 2nd August:

Masters who obtained certificates.....	nil.
Mates do do	3

One candidate for the grade of Master and three for that of Mate having failed in navigation.

At Yarmouth, N.S., on 9th and 11th August:

Masters who obtained certificates.....	nil.
Mates do do	3

One candidate for the grade of Mate having failed in navigation.

At St. John, N.B., on 13th and 14th August:

Masters who obtained certificates.....	4
Mates do do	1

Two candidates for the grade of Mate having failed in navigation.

At Halifax, N.S., on 1st and 2nd September:

Masters who obtained certificates.....	2
Mates do do	2
2nd Mates do do	1

Two candidates for the grade of Mate having failed in navigation.

At St. John, N.B., on 11th and 12th September:

Masters who obtained certificates.....	5
Mates do do	1

Two candidates for the grade of Mate having failed in navigation.

At Halifax, N.S., on 1st and 2nd October:

Masters who obtained certificates	1
Mates do do	3

One candidate for the grade of 2nd Mate having failed in navigation.

At Yarmouth, N.S., on 7th and 8th October:

Masters who obtained certificates.....	2
Mates do do	4

One candidate for the grade of Mate having failed in navigation.

At St. John, N.B., on 10th and 11th October:

Masters who obtained certificates.....	1
Mates do do	4
2nd Mates do do	1

At Halifax, N.S., on 4th and 5th November:

Masters who obtained certificates.....	1
Mates do do	3

One candidate for the grade of Master having failed in navigation.

At Quebec, on 10th and 11th November:

Masters who obtained certificates.....	2
Mates do do	nil

At St. John, N.B., on 14th and 15th November:

Masters who obtained certificates.....	2
Mates do do	1

One candidate for the grade of Master having failed in navigation.

At Yarmouth, N.S., on 18th and 19th November:

Masters who obtained certificates.....	3
Mates do do	1

At Halifax, N.S., on 1st and 2nd December:

Masters who obtained certificates.....	1
Mates do do	nil

At St. John, N.B., on 18th and 19th December :

Masters who obtained certificates..... nil

Mates do do 2

One candidate for the grade of Master having failed in navigation.

At Yarmouth, N.S., on 29th and 30th December :

Masters who obtained certificates..... 2

Mates do do nil

Two candidates for the grade of Mate having failed in navigation.

Thus it will be seen that during the year there were 192 applications made at the several ports, with 62 failures, an average of 30 per cent. unsuccessful and 70 per cent. successful candidates.

At Halifax, N.S., 20 Masters and 33 Mates passed, and 3 Masters and 19 Mates failed.

At St. John, N.B., 17 Masters and 24 Mates passed, and 4 Masters and 15 Mates failed.

At Yarmouth, N.S., 16 Masters and 16 Mates passed, and 2 Masters and 17 Mates failed.

At Charlottetown, P.E.I., 1 Master and 1 Mate passed, and 2 Mates failed.

At Quebec, 2 Masters passed, not any failing.

Twenty-six service sea-going certificates have also been issued during the year, 14 to Masters and 12 to Mates.

I am, Sir,

Your most obedient servant,

P. A. SCOTT,

Chairman.

The Deputy Minister of Marine,
Ottawa.

LIST of Certificates of Competency and Service granted to Masters and Mates of Foreign Sea-going Vessels by the Department of Marine of the Dominion of Canada, for the Year ended 31st December, 1884.

COMPETENCY.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
1970	Jan. 17...	Clarence Nelson Cox	Mate	Maitland, N.S.	Halifax.....	5 00
1971	do 17...	Douglas Morrison	do	Port Hawkesbury, N.S.	do	5 00
1972	do 17...	John Howard Fraser.....	do	Pictou, N.S.....	do	5 00
1973	do 17...	Charles Oman Allen	do	Horton, N.S.....	do	5 00
1974	do 17...	John Nelson.....	Master	Maitland, N.S.....	do	10 00
1975	do 24...	Andw. Trefery Whitehouse	Mate	Deerfield, N.S.....	Yarmouth	5 00
1976	do 24...	Wm. Arthur Cook	do	Chebogue, N.S....	do	5 00
1977	do 24...	Aaron Shaw.....	do	Sandford, N.S.....	do	5 00
1978	do 24...	Thomas German.....	do	Meteghan, N.S.....	do	5 00
1979	do 25...	Robt. Watt Knaut	do	Liverpool, N.S.....	St. John.....	5 00
1980	do 25...	Cecil Loudon Dernier.....	2nd Mate....	St. John, N.B.....	do	5 00
1981	Feb. 7...	Richard Lee.....	Mate.....	Harborville, N.S...	Halifax.....	5 00
1982	do 7...	James Martin.....	do	Londonderry, N.S.	do	5 00
1983	do 7...	Philip Davis Graham.....	Master	Dartmouth, N.S...	do	10 00
1984	do 7...	David Perley Crowe	do	De Bert, N.S.....	do	10 00
1985	do 7...	Hugh Nelson McCully.....	do	do	do	10 00
1986	Mar. 10...	Judson Tweedy Carey.....	Mate.....	Spencer's Island, N.S.	St. John.....	5 00
1987	do 10...	Frederick Harrison Rowan.	Master	St. John, N.B.	do	10 00
1988	do 10...	George Townsend Muggah.	Mate.....	Sydney, C.B.....	do	5 00
1989	do 10...	Frederick Sanderson	do	Maitland, N.S.....	do	5 00
1990	do 19...	Watson Baker Butler.....	Master	Hebron, N.S.....	Yarmouth	10 00
1991	do 19...	Cutler Snow.....	Mate.....	Sandy Cove, N.S..	do	5 00
1992	do 10...	Robert Alfred Newcomb...	Master	Port Williams, N.S.	Yarmouth.....	10 00
1993	do 25...	Martin Larson	do	Halifax, N.S.....	Halifax.....	10 00
1994	do 25...	Joseph Knapp Matson.....	2nd Mate....	do	do	5 00
1995	do 25...	Thomas Renouf	Mate	do	do	5 00
1996	do 25...	Amos Corbett	Master	Londonderry, N.S.	do	10 00

List of Certificates of Competency granted to Masters and Mates—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee. \$ cts.
1997	Mar. 25...	William Cox.....	Master	Maitland, N.S.....	Halifax.....	10 00
1998	do 25...	Caleb Putnam Cox	do	do	do	10 00
1999	April 17...	Oscar Hilmer Henderson ...	do	Halifax, N.S.....	do	10 00
2000	do 17...	Edward Kennedy	Mate	Souris, P.E.I.	do	5 00
2001	do 18...	Edwin Petrie.....	do	Low Point, C.B....	do	5 00
2002	do 18...	Beverley Owen.....	2nd Mate....	Lunenburg, N.S....	do	5 00
2003	do 22...	John Andrew B. Ross.....	Master	Yarmouth, N.S.	Yarmouth	10 00
2004	do 22...	Ralph Churchill	do	Hebron, N.S.....	do	10 00
2005	do 22...	Chas. Wm. McK. Swaine...	Mate	North East Harbor, N.S.	do	5 00
2006	do 23...	John Reid... ..	do	Parrsboro', N.S....	St. John.....	5 00
2007	do 23...	Fred. Harold West.....	do	Milton, N.S.....	do	5 00
2008	do 23...	Ambrose Von Allen.....	do	Lockport, N.S.	do	5 00
2009	do 23...	Edmund Spicer.....	do	Parrsboro', N.S....	do	5 00
2010	do 23...	Henry Alexander Rowan...	Master	St. John, N.B.....	do	10 00
2011	do 23...	James Walker Knox	2nd Mate....	do	do	5 00
2012	do 23...	Blanchard Gardner.....	Mate	Liverpool, N.S.....	do	5 00
2013	May 14...	David Angus McRae	do	Prince Edward Is- land.	Halifax.....	5 00
2014	do 14...	Frederick Ells.....	do	Windsor, N.S.	do	5 00
2015	do 14...	Harlan Silas Corbett.....	do	Londonderry, N.S.	do	5 00
2016	do 14...	William Peoples Harvie...	do	Avondale, N.S.....	do	5 00
2017	do 14...	Whidden Harvey	do	do	do	5 00
2018	do 13...	Daniel McLeod	Master	Charlottetown, P.E.I.	Charlottetown	10 00
2019	do 13...	William Cameron Grant...	Mate	Georgetown, P.E.I.	do ...	5 00
2020	do 30...	Henry Farnham Letson.....	do	Chatham, N.B.....	St. John.....	5 00
2021	do 30...	Elkanagh Trusk Mills..	do	Windsor, N.S.....	Yarmouth	5 00
2022	do 30...	Charles Walton Murphy....	Master	Brooklyn, N.S.....	do	10 00
2023	do 30...	Robert Sears Salis	do	Digby, N.S.....	do	10 00
2024	June 11...	Chas. Inglis Morris	Mate	Harbourville, N.S..	Halifax.....	5 00
2025	do 11...	James Forrester Forbes.....	Master.	Clifton, N.S.....	do	10 00

LIST of Certificates of Competency granted to Masters and Mates—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
2026	June 11...	Samuel Bradley.....	Mate.....	Maitland, N.S.....	Halifax.....	5 00
2027	do 11...	Levi Atkins	Master.....	Guysboro', N.S....	do	10 00
2028	do 17...	John Joseph Bennett	do	St. John, N.B.....	St. John.....	10 00
2029	do 17...	Frank Percy Trites.....	do	do	do	10 00
2030	do 17...	James Fenly Munroe.....	Mate.....	Portland, N.B.....	do	5 00
2031	do 17...	John Henry Gesner.....	do	Annapolis, N.S....	do	5 00
2032	do 17...	William Read Palmer.....	Master.....	Dorchester, N.B....	do	10 00
2033	do 23...	Chas. Pinkney Kainey	do	Yarmouth, N.S.....	Yarmouth	10 00
2034	do 23...	Thomas Barnard Richards..	Mate	Tusket, N.S.....	do	5 00
2035	July 10...	Alfred McDougall.....	Master.....	Maitland, N.S.....	Halifax.....	10 00
2036	do 10...	Ira Marven Mosher.....	do	Mosherville, N.S....	do	10 00
2037	do 10...	Wm. Robson.....	Mate	Gaspé, Que.....	do	5 00
2038	do 10...	Emerson Graves	2nd Mate	Aylesford, N.S. ...	do	5 00
2039	do 16...	Whitfield A. Bradshaw.....	Master.....	Quaco, N.B.....	St. John..	10 00
2040	do 16...	Harry Foot	do	St. John, N.B.....	do	10 00
2041	do 16...	Chas. Tupper Porter	Mate	Spencer's Island, N.S.	do	5 00
2042	do 18...	James Edwards Scott	Master.....	Yarmouth, N.S. ...	Yarmouth	10 00
2043	do 18...	George Clarence Jenkins...	do	Beaver River, N.S.	do	10 00
2044	Aug. 7...	David Richard Williams....	Mate	St. John, N.B.....	Halifax.....	5 00
2045	do 7...	Elkanah Young Porter....	do	Spencer's Island, N.S.	do	5 00
2046	do 7...	Charles Campbell	do	Halifax, N.S.....	do	5 00
2047	do 18...	Wallace Pitman Jeffery.....	do	Maitland, N.S.....	Yarmouth.....	5 00
2048	do 18...	Wentworth Evelyn Baker ..	do	Chebogue, N.S.....	do	5 00
2049	do 18...	Charles Frederick Leary ..	do	Sandy Cove, N.S....	do	5 00
2050	do 21...	Robins Crosby Churchill...	Master.....	St. John, N.B.....	St. John.....	10 00
2051	do 21...	Charles Frederick Hardt ...	do	Port Caledonia, C.B.	do	10 00
2052	do 21...	Wm. Joseph Codie.....	do	St. John, N.B.....	do	10 00
2053	do 21...	Watson Hall Delap.....	do	Grenville, N.S.....	do	10 00
2054	do 21...	Harry Mowatt	Mate.....	St. Andrew's, N.B.	do	5 00

LIST of Certificates of Competency granted to Masters and Mates—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ est.
055	Sept. 10...	Alexander Dick Faulkner...	2nd Mate....	Londonderry, N.S.	Halifax.....	5 00
056	do 10...	Peter Richards	Mate	Georgetown, P.E.I.	do	5 00
057	do 10...	Henry McDonald.....	do	Halifax, N.S.....	do	5 00
058	do 10...	John Oxley	Master.	Londonderry, N.S.	do	10 00
059	do 10...	Roland Samuel Thurber ...	do	Freeport, N.S.....	do	10 00
060	do 16...	Frederick Bell	do	St. John, N.B.....	St. John.....	10 00
061	do 16...	Ingram Troop.....	Mate	Moncton, N.B.....	do	5 00
062	do 16...	Wm. Ambrose Steeves.....	Master.....	Hillsboro', N.B. ...	do	10 00
063	do 16...	Thomas Carland.....	do	Tynemouth Creek, N.B.	do	10 00
064	do 16...	Seymour Suthergreen.....	do	Advocate Harbor, N.S.	do	10 00
065	do 16...	George Howard Johns.....	do	Weymouth, N.S. ...	do	10 00
066	Oct. 9...	Peter Decost.....	Mate.....	Harbor au Bouche, N.S.	Halifax.....	5 00
067	do 9...	Arthur Wilson Smith.....	Master.	Mount Denson, N.S.	do	10 00
068	do 9...	Wm. Somerville Hayes.....	Mate.....	Maitland, N.S.....	do	5 00
069	do 9...	James Duncan McKenzie...	do	Pictou, N.S.	do	5 00
070	do 15...	Harry Havelock Cook.....	do	Yarmouth, N.S.....	Yarmouth.....	5 00
071	do 15...	Levi Eldridge.....	do	Deerfield, N.S.....	do	5 00
072	do 15...	Alfred Hamdon Durkee.....	do	Carleton, N.S.....	do	5 00
073	do 15...	Frank Lyman Perry.....	Master.....	Yarmouth, N.S.....	do	10 00
074	do 15...	Joseph C. Hopkins.....	do	Barrington, N.S....	do	10 00
075	do 15...	Wm. F. Ossinger.....	Mate.....	Westport, N.S.....	do	5 00
076	do 16...	Ira Millet Vroom.....	do	Brighton, N.S.....	St. John.....	5 00
077	do 16...	Edwin Rutven Gillmore....	Master.....	Horton, N.S.....	do	10 00
078	do 16...	Thomas Bolt.....	Mate.....	Fredericton, N.B....	do	5 00
079	do 16...	Arthur Gamalial Banks....	do	Windsor, N.S.....	do	5 00
080	do 16...	Fred. Herbert Griffith.....	2nd Mate....	St. Martins, N.B....	do	5 00
081	do 16...	Reginald Fairn Purdy.....	Mate.....	Carleton, N.B.....	do	5 00
082	Nov. 10...	Everett McDougall.....	do	South Maitland, N.S.	Halifax.....	5 00
083	do 10...	Robert Earl.....	Master.....	Hantsport, N.S.....	do	10 00

List of Certificates of Competency granted to Masters and Mates—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
						\$ ct.
2084	Nov. 10...	Chas. Manning	Mate	Falmouth, N.S.....	Halifax.....	5 00
2085	do 10...	Thos. Bollong	do	Halifax, N.S.....	do	5 00
2086	do 13...	George Cloutier	Master.....	L'Anse à Gille, Que	Quebec.....	10 00
2087	do 13...	George Begin.	do	Point Lévis, Que..	do	10 00
2088	do 21...	Joseph Winter Morris.....	Mate	Spencer's Island...	St. John.....	5 00
2089	do 21...	Joseph Fellow Dickie	Master.....	Canning, N.S.....	do	10 00
2090	do 21...	George Wm. Donald.....	do	St. John, N.B.....	do	10 00
2091	do 27...	Eugene Arthur Gullison ...	do	Brookville, N.S....	Yarmouth	10 00
2092	do 27...	Wm. Wallace Mundy	Mate	Annapolis, N.S.....	do	5 00
2093	do 27...	Edwin R. Beveridge	Master	Milton, N.S.....	do	10 00
2094	do 27...	Albert Jas. Davison.....	do	Cornwallis, N.S...	do	10 00
2095	Dec. 11...	Charles M. McDonald.....	do	Main-à-Dieu, C.B..	Halifax.....	10 00
2096	do 24...	Harold H. Coster	Mate	St. John, N.B	St. John.....	5 00
2097	do 24...	Frank Thos. Robblee.....	do	Grenville, N.S.....	do	5 00
						910 00
		Fees received from candidates who failed to receive their Certificates.				140 00
						1050 00

LIST of Certificates of Competency granted to Masters and Mates—*Continued.*
 THE FOLLOWING PERSONS RECEIVED RENEWAL CERTIFICATES OF COMPETENCY.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ cts.
315	Jan. 29...	Martin Larsen	Mate	Halifax.....	Halifax.....	2 50
774	Feb. 4...	Nehemiah C. Larken.....	do	Little River	Yarmouth	2 50
151	April 24...	C. E. Kiley	Master.....	Digby, N.S.	St. John.....	5 00
385	May 7...	M. Buchanan	do	Sydney	Halifax.....	5 00
239	do 7...	J. Whidden	do	Halifax	do	5 00
236	do 17...	J. B. Reynolds.....	do	St. John	St. John	5 00
406	do 30...	A. H. Parker.....	do	Sandwich	Yarmouth	5 00
952	June 9...	W. E. Parker.....	Mate	Sand Beach.	do	2 50
452	do 10...	John F. Wolfe.....	Master.....	Port Medway	Halifax.....	5 00
134	July 10...	J. S. Owen.....	do	Yarmouth	do	5 00
483	do 12...	W. J. Stephenson	do	St. John	St. John	5 00
120	Aug. 13...	E. J. Brown	do	St. Martins	do	5 00
525	do 19...	Francis Lynch.....	do	Halifax.....	Halifax.....	5 00
310	Oct. 18...	William Watt	do	do	do	5 00
						1112 50

LIST of Certificates of Service granted to Masters and Mates—*Continued.*
SERVICE.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee
1199	Jan. 24...	Rufus Cutler Cole	Master	St. John.....	St. John.....	5
1200	do 24...	Ambrose Secord.....	do	Portland, N.B.....	do	5
1201	do 28...	Allan K. Locke.....	do fore and aft.	Lockeport, N.S....	Halifax.....	5
1202	Feb. 20...	Thomas Besser.....	do	Church Point, N.S.	do	5
1203	do 20...	John B. Melancon.....	do fore and aft.	Grosse Coque, N.S.	do	5
1204	do 20...	Francis McLeer.....	do do ...	Port Acadie, N.S..	do	5
1205	do 20...	John Quinn	do	St. John, N.B.....	St. John.....	5
1206	Mar. 10...	Stephen Harding Giffin..	do fore and aft.	Louis Head, N.S...	Halifax.....	5
1207	do 10...	Vear Beck Roberts.....	do	Parrsboro', N.S....	do	5
1208	do 20...	Hugh Montague.....	Mate	Carleton, N.B....	St. John	3
1209	April 1...	Thomas Williams	Master, fore and aft	Port Hawkesbury, N.S.	Halifax.....	5
1210	do 1...	Thos. Gilbert Hunt	do do ...	Portland, N.B.....	St. John.....	5
1211	do 1...	James Alex. Williams...	do do ...	St John, N.B.....	do	5
1212	do 1...	David Horatio Slocomb..	do square rig..	Port George, N.S.	Halifax.....	5
1213	do 1...	James George	do do ...	Parrsboro', N.S....	do	5
1214	do 1...	Sylvester Roche	Mate do ...	do	do	3
1215	do 7...	Wm. Thos. Smith.....	Master, fore and aft rigged.	New Carlisle, Que.	New Carlisle ..	5
1216	do 16...	Michael Collins.....	Master	Lockeport, N.S....	Halifax.....	5
1217	do 24...	Chas. Embree	do	Port Hawkesbury, N.S.	do	5
1218	May 8...	John Roy	do	Margaretsville, N.S.	do	5
1219	June 10...	Anselm Thibedeau.....	do	Metegan, N.S.....	do	5
1220	do 27...	Alfred Henry Pacey	Mate, square rigged, not ex. 150 tons.	Halifax, N.S.....	do	3
1221	do 27...	Wm. Davis.....	Master do ...	do	do	5
1222	do 27...	James Zebah Fraser.....	Mate, fore and aft, not ex. 150 tons.	do	do	3
1223	do 24...	John Archibald Fraser...	Master, square rig, not ex. 150 tons.	do	do	5
1224	do 24...	Thomas Swim	do do ...	Barrington, N.S....	do	5
1225	July 14...	Al Rhude.....	Master, fore and aft, not ex. 150 tons.	Halifax, N.S.....	do	5
1226	do 14...	Chas. Edward Pye	do do ...	do	do	5

List of Certificates of Service granted to Masters and Mates—*Continued.*

Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
1884.					\$ cts.
July 14...	Mathias Wm. Johnson...	Mate, square rig, not ex. 150 tons.	Halifax, N.S.....	Halifax.	3 00
do 14...	Jas. Albert Dexter	Master do ...	Lockeport, N.S....	do	5 00
do 14...	Henry Saunders.	Master, fore and aft, not ex. 150 tons.	do	do	5 00
do 14...	Chas. Jos. Beyer.....	Master, square rig, not ex. 150 tons.	Halifax.....	do	5 00
do 14...	James Davis.....	Master, fore and aft.	Port Hawkesbury, N.S.	do	5 00
do 14...	Jethro Newell Smith.....	do	Cape Sable Island, N.S.	do	5 00
do 15...	John Brown	do fore and aft.	Port George, N.S..	do	5 00
do 15...	John Henry Wilcke....	Mate, square rig, not ex. 150 tons.	Lockeport, N.S....	do	3 00
do 18...	Jas. Woodworth Gould...	Mate, fore and aft, not ex. 150 tons.	Black Rock, N.S...	do	3 00
do 18...	Jno. McCuish.....	Master, fore and aft	Halifax, N.S.....	do	5 00
do 19...	Thomas Dryden.....	Mate.....	Poplar Grove, Halifax, N.S.	do	3 00
do 19...	Enos Wm. Page.....	Master, fore and aft, not ex. 150 tons.	Lockeport, N.S....	do	5 00
do 19...	Nathan Swaine.....	Master, square rig, not ex. 150 tons.	Halifax, N.S.....	do	5 00
do 25...	Saml. Jas. Hingley.....	Master, fore and aft, not ex. 150 tons.	Port Hilford, N.S..	do	5 00
do 25...	L. Netson McKenne	Master, square rig, not ex. 150 tons.	Lockeport, N.S....	do	5 00
do 25...	Douglas McEacheran.....	Mate do ...	Halifax, N.S.....	do	3 00
do 25...	Benjamin Ham.....	Master fore and aft, not ex. 150 tons.	Mahone Bay, N.S..	do	5 00
do 30...	Peter Moody Martin.....	Master	St. John, N.B.....	St. John.....	5 00
do 30...	Leigh Richmond Manning	Master, square rig, not ex. 150 tons.	Bridgewater, N.S.	Halifax.	5 00
do 30...	Geo. Coker Hawes, jun..	Mate do ...	Halifax, N.S.....	do	3 00
do 30...	Albert Manuel King.....	Master do ...	Clyde River, N.S..	do	5 00
do 30...	Enos Wm. Page.....	Mate do ...	Lockeport, N.S....	do	3 00
do 30...	Archibald Thompson	do do ...	Halifax, N.S.....	do	3 00
do 30...	Harvey Eldridge Brooks	do	Weymouth, N.S....	do	3 00
do 30...	Henry Christopher Salter	do do ...	Halifax, N.S.....	do	3 00
do 30...	R. Freeman Stephenson.	Master do ...	Lockeport, N.S....	do	5 00
do 30...	David Harding Lewis....	Mate do ...	Halifax, N.S.....	do	3 00
do 30...	Henry Saunders.....	do do ...	Lockeport, N.S....	do	3 00
do 30...	Allan Craig	Master do ...	do	do	5 00

LIST of Certificates of Service granted to Masters and Mates—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1884.					\$ c
1256	Aug. 4...	Elmer Leslie Hopkins....	Mate, square rig, not ex. 150 tons.	Barrington, N.S....	Halifax.....	3
1257	do 6...	Geo. Bell Swaine.....	Master do ...	North East Harbor, N.S.	do	5
1258	do 7...	Andrew Harrington.....	do do ...	Brooklyn, N.S.....	do	5
1259	do 9...	Charles Saffery.....	Mate do ...	Halifax, N.S.....	do	3
1260	do 9...	Joseph Nicolas Verge....	Master do ...	do	do	5
1261	do 9...	Neil Campbell.....	do do ...	do	do	5
1262	do 9...	Thomas Lawrence.....	Master, fore and aft, not ex. 150 tons.	do	do	5
1263	do 18...	Alex. Liscomb.....	Mate do ...	do	do	3
1264	do 18...	John Page.....	Mate square rig, not ex. 150 tons.	Osborne, Locke- port, N.S.	do	3
1265	do 18...	Robt. Wm. Merriam.....	do do ...	Halifax, N.S.....	do	3
1266	do 18...	Edward Cook.....	do do ...	Lockeport, N.S....	do	3
1267	do 18...	Samuel Ellis Atwood....	do do ...	Barrington, N.S....	do	3
1268	do 19...	John Gault Murray.....	Master, fore and aft, not ex. 150 tons.	Halifax.....	do	5
1269	Sept. 8...	Samuel Thos. Kempton...	Master, square rig, not ex. 150 tons.	Liverpool, N.S.....	do	5
1270	do 8...	Colin Thompson McKay..	do do ...	Lockeport, N.S....	do	5
1271	do 9...	Philip McVicar.....	Mate do ...	St. Peters, C.B....	do	3
1272	do 9...	Jacob L. Publicover.....	Master, fore and aft, not ex. 150 tons.	Liverpool, N.S....	do	5
1273	do 9...	Wm. Crooks.....	Master, square rig, not ex. 150 tons.	Brooklyn, N.S....	do	5
1274	do 9...	John Samuel Bollong....	Mate, fore and aft, not ex. 150 tons.	Pope's Harbor.....	do	3
1275	do 10...	Simon Giffin Dunn.....	Master, square rig, not ex. 150 tons.	Lockeport, N.S....	do	5
1276	do 10...	Alex. Crowell.....	Mate, fore and aft, not ex. 150 tons.	Liverpool, N.S....	do	3
1277	do 15...	John McLean.....	Master.....	Shelburne, N.S....	do	5
1278	do 15...	James Ryan	Mate, square rig, not ex. 150 tons.	Halifax.....	do	3
1279	do 30...	Geo. W. S. Balcam.....	Master do ...	do	do	5
1280	do 30...	John Geo. Townsend....	Mate, fore and aft, not ex. 150 tons.	Lunenburg, N.S....	do	3
1281	do 30...	Geo. Myra.....	do do ...	do	do	3
1282	do 30...	Jas. Aug. McConnell....	Mate.....	Yarmouth, N.S....	do	3
1283	do 30...	Josiah Martin Wilkie....	do square rig, not ex. 150 tons.	Halifax.....	do	3
1284	do 30...	Patrick McFarlane.....	Master do ...	do	do	5

LIST of Certificates of Service granted to Masters and Mates—*Continued.*

Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
1884.					\$ cts.
35 Sept. 30...	Freeman Rood.....	Mate, fore and aft, not ex. 150 tons.	Halifax.....	Halifax.....	3 00
36 do 30...	Henry S. Nickerson.....	Master do ...	Port Clyde, N.S....	do	5 00
37 Oct. 1...	Charles Selig.....	Mate do ...	Lunenburg, N.S....	do	3 00
38 do 1...	Anthony C. Larkin.....	Master do ...	Salem, N.S.....	do	5 00
39 do 6...	Asaph Strum.....	Mate, square rig, not ex. 150 tons.	Mahone Bay, N.S..	do	3 00
40 do 15...	Peter Heisler.....	Master, fore and aft, not ex. 150 tons.	Lunenburg, N.S....	do	5 00
41 Oct. 16...	David Knock.....	Master, square rig, not ex. 150 tons.	Lunenburg, N.S....	Lunenburg....	5 00
42 do 16...	Jas. Wm. Walters.....	Master, fore and aft, not ex. 150 tons.	La Have, N.S.	Halifax.....	5 00
43 do 22...	Chapman Coumans.....	Mate do ...	East Jordan Bay, N.S.	do	3 00
44 do 22...	Wm. Ham.....	do do ...	Lunenburg, N.S. ...	Lunenburg ...	3 00
45 do 22...	Malcolm Blue.....	Mate, square rig, not ex. 150 tons.	Murray River, P.E I	do	3 00
46 do 22...	James Hawes.....	Master do ...	Halifax, N.S.....	Halifax.....	5 00
47 do 30...	Urbain Doucette....	do	Meteghan River, N.S.	Yarmouth.....	5 00
48 do 30...	Josiah Weagle.....	Master, square rig, not ex. 150 tons.	La Have, N.S.....	Halifax.....	5 00
49 do 30...	Wm. Alfred Goodwin...	Master, fore and aft, not ex. 150 tons.	Argyle, N.S.....	do	5 00
50 Nov. 12...	Adnah Burns.....	Mate do ...	Summerside, La Have, N.S.	Lunenburg ...	3 00
51 do 12...	Wm. Dauphinee.....	Master do ...	Lunenburg, N.S....	do	5 00
52 do 12...	John Wilder Goodwin...	do do ...	Yarmouth, N.S.....	Yarmouth	5 00
53 do 12...	Alex. Eisenhaur.....	do do ...	Lunenburg, N.S....	Lunenburg....	5 00
54 do 12...	Samuel Knickle.....	Mate do ...	do ...	do	3 00
55 do 12...	Jeremiah Gayton.....	Master, square rig, not ex. 150 tons.	Lower Argyle, N.S.	Yarmouth.....	5 00
56 do 12...	Reuben Crosby Ritchie..	Mate do ...	Sandford, N.S.	do	3 00
57 do 13...	James A. Loye.....	Master, fore and aft, not ex. 150 tons.	Lunenburg, N.S....	Lunenburg....	5 00
58 do 13...	Chas. A. Holland.....	Mate, square rig, not ex. 150 tons.	do ...	do	3 00
59 do 13...	Alfred Smeltzer.....	do do ...	Mahone Bay, N.S...	do	3 00
60 do 19...	David Deal.....	do do ...	Lunenburg, N.S....	do	3 00
61 do 19...	Thos. Perry Williams....	Master, fore and aft, not ex. 150 tons.	Lockeport, NS.....	Shelburne	5 00
62 do 19...	Richard Heckman.....	Mate do ...	Heckman's Island, N.S.	Lunenburg....	3 00
63 do 19...	Jas. F. Kinley.....	Master do ...	Lunenburg, N.S....	do	5 00

List of Certificates of Service granted to Masters and Mates—*Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Address	Where Examination was Passed.	Fee.
1314	Nov. 25...	Wm. Frederick Butler....	Mate, fore and aft, not ex. 150 tons.	Halifax, N.S.	Halifax.	\$ cts 3 0
1315	do 26...	Jesse Cann	Mate, square rig, not ex. 150 tons.	Deerfield, N.S.	Yarmouth.	3 0
1316	Dec. 5...	Wm. Maxner	Master, fore and aft, not ex. 150 tons.	Lunenburg, N.S.	Lunenburg.	5 0
1317	do 5...	James Armburg	Mate, square rig, not ex. 150 tons.	do ..	do ..	3 0
1318	do 5...	James J. Holland	do do ..	do ..	do ..	3 0
1319	do 11...	Thomas LeCain.....	Master, fore and aft, not ex. 150 tons.	Clementsport, N.S.	Halifax.	5 0
1320	do 11...	Allen Broad	Mate do ..	Yarmouth, N.S.	Yarmouth.	3 0
1321	do 15...	Jas. Thos. O'Neil	do do ..	Port Medway, N.S.	Liverpool	3 0
1322	do 29...	Geo. Randolph Beveridge	do do ..	Melbourne, N.S.	Yarmouth.	3 0
1323	do 29...	Amial Hemeon	Mate, square rig, not ex. 150 tons.	Chebogue, N.S.	do	3 0
1324	do 29...	Michael Sigsworth	Master do ..	Georgetown, P.E.I.	Charlottetown	5 0
1325	do 31...	Hilaire LeBlanc	Mate, fore and aft, not ex. 150 tons.	Tusket Wedge, N.S.	Yarmouth.	3 0
1326	do 31...	Frank L. LeBlanc	Master, square rig, not ex. 150 tons.	do ..	do	5 0
						534 0

THE following persons received Renewal Certificates of Service.

1140	Jan. 28...	M. J. Hamm	Master.	St. John.....	St. John.....	2 50
62	March 20...	R. Beeler	do 2nd renewal	Bear River, N.S.	Halifax.	2 50
69	do 20...	W. Turner	do	Halifax.	do	2 50
998	June 16...	C. W. Dickson.....	do	Hopewell Cape, N.B.	St. John.....	2 50
1036	Aug. 2...	J. Meniac.....	do	Port Medway, N.S.	Halifax.	2 50
263	Sept. 11...	O. Tupper	Mate	do ..	do	1 50
279	do 12...	W. Murphy	do	Halifax.....	do	1 50
77	Oct. 10...	C. Stewart	Master, 2nd renewal	St. John.....	St. John	2 50
Total Service...						552 00

SUMMARY.

Total fees received for certificates of—	
Competency, Sea-going	\$1,112 50
Service do	552 00
Competency, Inland.....	720 00
Service do	7,938 50
Total fees received to 31st Dec., 1884	\$9,938 50

List of Canadian Certificates of Competency and Service which have been cancelled during the Year ended 31st December, 1884.

COMPETENCY.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Cause of Cancellation.	Date of Cancellation.
	1881.				1884
1564	Feb. 25...	George Jenkins	Mate.....	Passed for a higher grade.	14th July.
1671	Nov. 22...	J. E. Scott.....	do	do	do
1568	Mar. 15...	W. R. Palmer.....	do	do	12th June.
1486	Aug. 9... 1880.	J. Nelson.....	do	do	8th January.
1599	May 23... 1881.	D. P. Crowe	do	do	2nd Feb.
1555	Feb. 15... 1880.	P. D. Graham	do	do	do
1517	Nov. 6... 1882.	H. N. McCully.	do	do	do
1752	Aug. 23... 1881.	F. H. Rowan.....	Renewal—Mate....	do	4th March.
1624	Aug. 8... 1877.	A. Corbett.....	do	do	13th do
1056	Sept. 10... 1880.	C. P. Cox	do	do	do
1167	June 1... 1881.	W. Cox.....	do	do	do
1607	May 30... 1882.	W. B. Butler	do	do	7th March.
1770	Oct. 24... 1881.	H. A. Rowan	do	do	18th April.
1781	Nov. 18... 1881.	E. Spicer	2nd Mate.....	do	do
1615	July 7... 1877.	M. Larsen	Mate	do	13th March.
1004	May 16... 1881.	R. S. Sulis.....	Renewal—Mate ...	do	21st May.
1661	Oct. 24... 1882.	C. W. Murphy	do	do	do
1776	Nov. 10... 1881.	H. S. Corbett.....	2nd Mate	do	9th May.
1631	Aug. 11... 1882.	J. J. Bennett	Mate	do	12th June.
1567	Mar. 11... 1882.	J. F. Forbes	do	do	5th do
1715	April 20... 1881.	L. Atkins	do	do	5th do
1636	Aug. 23... 1882.	C. P. Kinney	do	do	16th do
1719	April 26... 1883.	W. A. Bradshaw.	do	do	10th July.
1841	April 20... 1883.	F. P. Trites.....	do	do	12th do
1803	Feb. 14... 1880.	A. McDougall.....	do	do	3rd do
1508	Oct. 12... 1881.	J. M. Mosher.....	do	do	3rd do
1651	Sept. 26... 1884.	J. A. B. Ross	do	do	14th April.
1662	Oct. 24... 1884.	E. A. Gallison	do	do	19th Nov.

LIST of Certificates of Competency which have been cancelled — *Continued.*

No. of Certificate.	Date of Certificate.	Name.	Grade.	Cause of Cancellation.	Date of Cancellation.
	1882.				1884.
1718	April 26... 1881.	W. J. Codie.....	Mate	Passed for a higher grade.	14th Aug.
1680	Dec. 19...	J. C. Hopkins	do	do	8th Oct.
1545	Jan. 7... 1882.	F. L. Perry	do	do	do
1692	Jan. 17... 1881.	W. A. Steeves.....	do	do	12th Sept
1669	Nov. 15... 1882.	G. H. Johns	do	do	do
1690	Jan. 17...	W. H. Delap.....	do	do	14th Aug
1734	June 16...	A. J. Davison.....	do	do	19th Nov.
1853	May 8... 1881.	J. Oxley	do	do	2nd Sept.
1604	May 27... 1883.	R. S. Thurber.....	do	do	do
1873	June 18... 1882.	C. F. Hardt	do	do	14th Aug
1686	Jan. 10...	A. W. Smith.....	do	do	2nd Oct.
1691	do 17...	F. Bell	do	do	12th Sept
1792	Dec. 19... 1879.	S. Sathergreen.....	do	do	do
1299	June 13... 1880.	E. R. Beveridge.....	do	do	19th Nov.
1396	Jan. 27... 1882.	C. M. McDonald...	do	do	2nd Dec.
1697	Feb. 9...	R. Earl.....	do	do	5th Nov.
1714	April 1... 1879.	G. Cloutier	do	do	11th do
1367	Nov. 12... 1880.	G. Bégin	do	do	11th do
1149	April 30...	J. F. Dickie.....	do	do	15th do
1164	May 26... 1883.	G. W. Donald.....	do	do	15th do
1824	Mar. 21...	T. Carland	do	do	12th Sept
1799	Jan. 17... 1878.	E. R. Gillmore	do	do	11th Oct
1160	June 25... 1882.	J. P. S. Bruce.....	do	do	30th Dec
1769	Oct. 24... 1877.	H. H. Coster	2nd Mate.....	do	19th do
1025	July 4... 1881.	Henry Purdy	Master.....	Died at sea.....	15th Nov
522	Aug. 20... 1873.	Frank Stewart	do Renewal....	Drowned at sea	16th Feb
348	April 29...	R. Tucker.....	do	Died at sea, 5th Sept, 1884.	1st Oct.

List of Certificates of Service which have been cancelled—*Continued.*

SERVICE.

No. of Certificate.	Date of Certificate.	Name.	Grade.	Cause of Cancellation.	Date of Cancellation.
	1872.				1884.
290	Nov. 29... 1873.	R. M. Osburn	Mate	Supposed to be drowned.	— Jan.
475	May 6...	D. T. Cameron.....	Master	Cancelled for gross ignorance of duty as seaman in connection with loss of the "Annie" of Maitland.	15th Oct.

APPENDIX No. 4.

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels, in Canadian waters, and to Canadian Sea-going Vessels in other waters, from 1st January, 1884, to 31st December, 1884.

Date of Casualty.	Name of Vessel.	Age of Vessel.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
Feb. 16	Ada Barton....	12	St. John, N.B.	Bark	550	St. John to Glasgow	Lat. 48° 6' N.; Lon. 28° 21' W.	Foundering.	Gale.....	9	Total ..	\$ 16,000 cargo 6,600
Jan. 22	Ashlow	3	do ..	do	639	Kingston, Ire. to St. John.	Entrance to St. John.	Stranding ..	do .....	...	Partial.	6,000
do	Anna Currier.	16	do ..	Schooner ...	105	Nantucket to St. John	Near Quaco Light	do ..	do .....	.....	Total....	1,000 cargo 1,000
May 17	A. Goudey ..	13	Yarmouth	Bark	717	Philadelphia to Havre	Atlantic Ocean	Destroyed by fire.	Explosion of oil.	...	do ...	15,000
do	Alruna	13	St. John	Brigantine...	188	Sydney to St. John...	Bay of Fundy	Collision	Run down....	.....	Partial.	70
do	Albertina	28	Norway	Bark	544	Liverpool to Richibucto.	Richibucto.	Stranding ..	Ice.....	.....	Total....	14,000
April 30	Athena	10	Darmen	Ship.....	1300	Liverpool to Quebec.	Magdalen Islands..	do ..	Gale.....	19	do ...	23,000
Feb. 14	Assyria	12	St. John.....	Bark	729	Mobile to Liverpool.	Islay, Scotland	do ..	do .....	.....	do ...	10,000 cargo 12,500
Mar. 6	Augusta	12	do	Brigantine...	355	New York to Newfoundland.	Block Island, U.S.A.	do ..	Fog .....	.....	do ...	7,000
June 28	Astra	14	do	Schooner....	133	St. John to New York.	Atlantic Ocean....	Fire	Unknown.....	...	do ...	3,000 cargo 1,500

		HALIFAX.										cargo	
May	20	Alliance	7	Chatham	Brigantine...	115	Jersey to Gaspé.....	Gaspé Bay	Collision	Unknown.....	Partial..	2,000 cargo
Mar.	23	Alta	4	Halifax.....	Schooner ...	168	Vera Cruz to New York.	Key West	Stranding ...	Thick weather	do ...	2,500
July	6	Autumn Leaf	1	St. John, N.B..	do	140	Philadelphia to Yarmouth.	Jonesport, Me.....	do	Fog.....	Total.....	10,600 cargo 1,175
do	26	Amazon.....	12	Port Medway.	do	41	Canso to Port Medway.	North Atlantic	Foundering	Gale	do ...	2,500 part 1,600
June	9	Acuba	1	Sunderland.....	Brigantine...	1194	Perth Amboy to Miramichi.	Ship Harbor.....	Stranding ...	Fog	Partial..	30,000
Aug.	8	A. C. Major ...	20	Halifax.....	Schooner.....	88	Gow Bay to Halifax.	Cranberry Island.	Foundered...	Leak	Total.....	1,000 cargo 900
June	17	Alexandria ...	1	Montreal	Steamer	508	Pictou to Montreal...	St. Lawrence	Stranding ...	Rudder jammed.	Partial ..	1,000
July	30	Amsterdam...	4	Glasgow	do	3000	Amsterdam to New York.	Sable Island	do	Currents	3	Total ...	200,000 c'go 240,000
Sept.	11	Ann Leonard..	12	St. Andrews...	Schooner...	89	Unknown	Bliss Island, N.B...	do	Gale	do ...	1,000
Jan.	8	Acadian	9	Arichat	Brigantine...	482	Pernambuco to New Orleans.	Atlantic.....	Damaged	do	Partial ..	5,000 cargo 2,500
Aug.	5	Anita	17	St. John.....	Schooner...	122	St. John to New York	Off Portland.....	Collision ...	Unknown.....	do ...	136
Oct.	2	American Union.	27	United States.	Brigantine ..	278	Brunswick, Ga., to Bahia Blanca.	Sambro	Stranding ...	Gale	do ...	5,000
Sept.	14	Addie Benson..	11	Digby	do ...	328	Sydney, C.B., to Portsmouth, N.H.	Off Cape Sable ...	Leaking	do	do ...	2,000
Aug.	24	Almida	12	New York.....	Schooner ...	153	Boston to St. John...	Grand Manan.....	Stranding ...	do	Total ...	5,000
April	10	Abbie Alice ...	72	Halifax.....	do	72	Louisburg to Halifax	Off Fosbury	Foundering.	Ice	do ...	1,600 cargo 400
Aug.	26	Annie A.	3	Port Hawkesbury.	do	21	Baddeck to Burgeo...	St. Pierre	Stranding ...	Gale	do ...	600
Sept.	25	Aurora	2	Norway	Bark	661	Montreal to Montevideo.	Ocean	Collision ...	Unknown.....	Partial..	9,000 cargo 1,000

STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
Oct. 26	Aloe	15	Parrsboro'	Schooner	84	Parrsboro' to St. John Bay of Fundy	Abandoned	Abandoned	Gale .....	.....	Total ...	\$ 400
Nov. 12	Atlas	20	England	Bark	616	Quebec to Liverpool.	Off Cape Ray	Stranding ...	do .....	.....	do ...	10,000
May 27	Arrow	37	Halifax	Schooner	50	Green Island to Liscomb.	Crook's Ledge	do ...	do .....	.....	do ...	700 cargo 2,000
Dec. 22	Adah. E.	9	Port Medway.	do ...	119	St. Martins to Medway.	Pennant Bay	do ...	do .....	.....	do ...	3,500 cargo 240
do 19	A. S. H. ....	.....	French	Brig .....	.....	St. Pierre to Boston..	Sable Island	do ...	do .....	.....	.....	Unknown.
Mar. 7	Brazil	3	Halifax	Brig	221	Pernambuco to Halifax.	Unknown	Unknown	do .....	.....	Partial..	1,000
Jan. 25	Bella Mudge..	11	do	Bark	635	Brunswick, Ga., to Buenos Ayres.	Cape St. Roque	Stranding ...	do .....	.....	Total...	25,000 cargo 3,000
May. 2	Brigida	23	Norway	do	456	Cork to Newcastle...	Gulf St. Lawrence	Damaged	Ice .....	.....	Partial..	3,500
do 12	Benona	5	Liverpool, G.B.	Steamship ..	781	Pictou to Montreal...	Prince Edward Island.	do ...	Ice .....	.....	.....	Unknown.
Sept. 3	Bertha A. Watt	3	Lunenburg	Schooner	146	Inagua to Halifax...	Bahamas	Stranding ...	Error .....	.....	Partial..	300 cargo 180
July 18	do ...	3	do	do	146	Halifax to Jamaica...	Jamaica	Sunk	Accident .....	.....	do ...	700
Sept. 16	Break of Day..	16	Pictou	do	36	Port Hood to Margaree.	Margaree	Stranding ...	Gale .....	.....	Total...	1,000 partial 750
Dec. 4	Bonanza	9	Victoria, B.C.	do ...	96	In port	In port	Sinking	Accident .....	.....	Partial..	150

Date	Ship	Port of Origin	Destination	Remarks	Stranding	Fog	Partial	Full
May 14	O. R. C.	13 Jersey, G.B.	Brig.	Arichat to Rio Janeiro.	Stranding	Fog	Partial	4,000 cargo
July 1	Colonsay	2 Glasgow	Steamship	Boston to Penarth Roads.	do	Currents	do	5,000
do 5	Ora	5 Yarmouth	Brig.	Yarmouth to Bridgewater.	do	Fog	Total	9,000
do 11	Cavalier	18 London, G.B.	Bark	Quebec to Cardiff	do	Error of judgment	Unknown	Unknown
April 28	Calabria	3 Parrsboro'	Schooner	Gibraltar to Sheldburne.	Collision	Unknown	Partial	2,000
Aug. 31	Clara Rogers	4 Arichat	do	Canso to Halifax	Stranding	Currents	Total	4,500 cargo
July 8	Concurrent	Norway	Bark	Santander to St. Thomas.	Collision	Error	Partial	500
15 Oct. 11	Chs. Valentine	12 Sydney	Schooner	Halifax to Gabarus	Stranding	Gale	6 Total	3,000
April 3	Daniel Steinman	Antwerp	Steamer	Antwerp to Halifax	Stranding	Error	123 Total	180,000 cargo
June 23	De Salaberry	29 South Shields	Bark	Quebec to Scotland	Collision	Error	Partial	1,200
Feb. 1	Dewdrop	9 Gaspé	Schooner	Turk's Island to Jersey.	Abandoned	Leak	Total	1,500
Jan. 30	Dottie	12 Halifax	Brigantine	Halifax to St. Thomas	Disasted, &c.	Gale	do	3,000
April 18	Duntulm	4 Sydney	Schooner	Glouce Bay to Baddeck	Burned	Unknown	do	3,000
Jan. 4	Emma M. Nickerson	Charlottetown	do	Grand River to Gloucester.	Stranding	Gale	Partial	700
do 26	Emily Lowther	13 Yarmouth	Bark	Dunkirk to Delaware	Damaged	do	do	3,000
do 15	Edgar	12 do	Ship	Liverpool to Delaware.	Abandoned	do	Total	180,000

STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
May 4	Eugenie McMillan.	7	Halifax.....	Schooner....	56	Ship Harbor to Grand River.	Canso	Stranding...	Gale .....	.....	Partial..	\$ 400
April 20	Eleanor	10	do	Brigantine...	299	New York to Montevideo.	Montevideo.....	do ...	do .....	.....	Total ...	5,000
July 7	Ethel Emerson	2	Dorchester, N.B.	Schooner....	176	Portsmouth to New Bandon.	Coast of Nova Scotia.	do ...	Fog .....	.....	do ...	8,500
do 2	Eliza	9	Arichat.....	Brigantine...	205	Arichat to Portland.	Portland	do ...	do .....	.....	do ...	1,400
Aug. 23	Edina	13	St. John.....	Bark	599	Dublin to Sydney....	New found land Banks	Collision....	Error .....	.....	Partial..	280
April...	Europe.....	14	St. Catharines	Steamer.....	628	At wharf.....	Welland Canal ...	Burned.....	Unknown.....	.....	Total ...	16,500
Sept. 20	Enna May ...	6	Halifax.....	Schooner ...	93	Halifax to Cuba.....	Atlantic.....	Damaged..	Gale .....	.....	Partial..	1,300 cargo
Oct. 28	Elizabeth Jane	28	St. Johns	Brigantine...	131	St. Anthony to Montreal.	Mingan Islands ...	Stranding ...	Currents.....	.....	Total ...	2,500 cargo
Nov. 1	Elizabeth Ann	18	Pictou	Schooner ...	173	Pictou to Boston.....	Canso.....	Collision....	Unknown.....	.....	Partial..	700
June 24	Etta Stewart...	12	St. John	Bark	787	Delaware to Schieffelin dam.	Florida Reef	Stranding ...	Fog .....	.....	do ...	15,000
Dec. 16	Ella Blanche...	4	Digby	Schooner ...	123	St. Johns to Sydney.	Rocky Bay	do ...	Gale... ..	.....	Total....	4,000
Jan. 9	Florence.....	1	Shelburne, N.S.	do ...	114	Halifax to Boston....	Jordan Bay	do ...	do .....	.....	do ...	6,000
Jan. 19	Flora P. Stafford.	1	Windsor.....	Ship.....	1352	Liverpool to New York.	St. George's Channel.	Damaged....	do .....	.....	Partial..	1,000

	DATE.	CAPTAIN.	VESSEL.	ORIGIN.	DESTINATION.	REMARKS.	STATUS.	TYPE OF VESSEL.	TOTAL CARGO.
Mar. 30	Frank & Willie.	3	St. John	do ...	92 St. John to New York.	Vineyard Sound ...	Stranding ...	Gale	do ... cargo 2,500 200
June 24	F. H. Smith....	1	North Haven..	do ...	70 North Haven to Lawrence.	Cape Canse	Lost mast ...	do	do ... 300
July 9	Fylyie ..	5	London	Steamer	963 Pictou to Montreal.	Percé.	Stranding ...	Fog	Total.... Unknown.
Sept. 28	Finchley	3	do	do	1265 South Carolina to London.	Isaac's Harbor,N.S	do ...	do	do ... 108,000 cargo 12,000
Feb. 29	Fleetwing	7	St. John.....	Brigantine..	187 New York to St. John.	Cape Cod	do ...	Gale	do ... 5,500 cargo 16,000
Aug. 1	Freddie D	1	do	Schooner	90 Boston to Moncton...	Cape Enrage	do ...	Fog	Partial.. 1,700
Nov. 11	Fransziska.....	32	Norway	Bark	493 Shediac to Belfast...	Shediac	do ...	Error ..	do ... 6,000 cargo 500
Jan. 2	Grace E. Cann.	15	St. John.....	do	684 St. John to Oran.....	Sheep Island	do ...	Gale	Total.... 10,000 cargo 5,000
Feb. 6	Georgie	8	Windsor, N.S.	do	646 Cardiff to Hong Kong.	S. Atlantic Ocean.	Foundering.	Leak.....	do ... 25,000 cargo 3,000
April 9	Geo. Calhoun.	14	St. John	Schooner	114 Providence to St. John.	do	Abandoned.	Gale	1 do ... 2,000
June 2	Georgie Paive.	D. 1	Provincetown.	do	159 Provincetown to Peter's.	LaHave	Losses masts.	Gale	Partial.. 350
Feb. 26	George Peabody.	17	Yarmouth	Bark	693 New York to Dun-kirk.	Atlantic Ocean....	Abandoned.	Fire.....	Total.... 10,000
July 5	Guide.....	19	Shelburne.....	Schooner.....	60 Aspy Bay to Boston.	Near Cape St. Lawrence.	Vessel leak- ing.	Gale	Partial. 400
June 14	G. P. Sherwood	14	St. John.....	Brigantine...	400 Philadelphia to Halifax.	Unknown	Foundering.	Gale	9 Total ... 5,000 cargo 2,500
Sept. 11	Grey Parrot ...	1	do	Schooner.....	97 Little Glace Bay to Ipswich.	Schooner Pond,C.B	Stranding ...	Currents	Partial.. 1,500
Nov. 22	Glad Tidings..	6	do	do	75 Moncton to Salem ...	Bunker's Maine, Ledge,	do ...	Fog	Total ... 2,000 cargo 1,500

STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
Oct. 14	Gurli	31	Swedish	Bark	686	Quebec to Tralee.....	Magdalens.....	Stranding..	Gale .....	.....	Partial.	\$ 8,009 cargo
Jan. 9	Hopvins.....	5	St. John.....	Schooner....	91	St. John to Quaco....	Quaco Beach	do ...	Missed stays ..	.....	Partial.	200
March...	Hector	11	Sunderland....	Steamship...	1283	Liverpool to New York.	Atlantic Ocean....	Damaged....	Gale .....	.....	do .	1,000
Jan. 28	Hannah Blanchard.	5	Windsor.....	Bark	491	New York to Havre.	Havre Roads.....	do ..	do .....	.....	.....	1,050
June 14	Henry's.....	20	Quebec	Brigantine...	307	New York to Quebec	Chedabucto Bay ...	Struck rock.	Error .....	.....	Partial.	850 cargo 250
April 19	Henry	29	St. John.....	Ship	1095	St. John to Liverpool	Atlantic Ocean....	Leak	Gale .....	.....	Total ...	7,500
Feb. 13	Hiawatha	6	Sackville	Bark	390	Matamyas to New York.	At sea.....	Collision ...	Error .....	.....	Partial.	2,000
Jan. 1	Herbert Beech.	15	Yarmouth	Ship	1061	Antwerp to Philadelphia.	Near Flushing, G.B.	Stranding ..	Gale .....	.....	do .	8,250
Aug. 2	Hector	21	Sunderland....	Steamship...	1283	Chatham to Glasgow	Miramichi	do ...	Error .....	.....	.....	250
Sept. 12	Hope	5	Guysboro'	Schooner....	25	Harbor au Bouche to Cheticamp.	Pleasant Bay, N S.	do ..	Gale .....	.....	Partial.	400 cargo 500
Feb. 16	Honolulu	2	St. John.....	Ship	1599	San Francisco to Havre.	At wharf	Collision ...	Error .....	.....	Partial.	4,000
June 4	Idéal	9	Gaspé	Schooner....	65	Magpie to Gaspé.....	St. Lawrence	Stranding ..	do .....	.....	Total ...	2,000
July 4	Inveralt.....	14	Liverpool.....	Steamship...	841	Montreal to Pictou..	Pictou Island	do ..	Fog	Unknown.

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STATEMENT of Wrecks and Casualties to Sea-going Vessels—Continued.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
April 14	Lillie Sleightholm.	8	Barrington.....	Brigantine...	269	Bahia to Halifax ...	Atlantic Ocean....	Foundering...	Gale .....	.....	Total....	\$ 5,500
July 6	Lincoln City..	1	West Hartlepool.	Steamship...	1750	Gottenburg to New York.	Guyaboro'	Stranding ...	Fog .....	.....	Partial..	2,000
June 20	Laura Gertrude.	7	Yarmouth	Schooner....	47	Yarmouth to Quero Bank.	Nova Scotia coast.	do ...	Gale .....	.....	Total....	2,400 cargo 800
May 25	L. H. DeVeber	13	St John	Bark	600	St. John to Avonmouth.	Lurcher Shoal	Stranding ...	Error.....	.....	do ...	6 000 cargo 4,900
Jan. 30	Landseer	9	do	do ..	427	Brunswick to Janeiro.	Brazil Coast.....	do ...	Current .....	.....	do ...	20,000
Aug. 17	Lottie E.....	2	Yarmouth	Brigantine...	167	Antigua to Yarmouth	Cranberry Head ...	do ...	do .....	.....	Partial..	1,500 cargo 1,000
Sept. 18	Lalla	10	Amherst ...	do ...	1099	New York to Batavia	Ocean.	Damaged. ...	Hurricane .....	.....	do ...	1,600
do 15	Lairg	6	Halifax.....	Schooner ...	99	New York to St. Johns.	North Georges	do ...	do .....	.....	do ...	1,800 cargo 100
Aug. 27	Lima.....	12	Yarmouth	Bark	892	Sydney to Glace Bay	Sydney Harbor....	Collision ...	Error .....	.....	do ...	500
Sept. 6	Lima	12	do	do ..	892	Sydney to Quebec ...	Goose Island	Stranding ...	do .....	.....	do ...	200
Nov. 17	Lord Lyons ...	23	Halifax	Schooner...	51	River Inhabitants to Halifax.	Seal Harbor	do ...	Gale .....	.....	Total ...	707 cargo 1,300
do 19	Loyalist ...	1	St. John	do ...	87	Moncton to Salem ...	Steele's Island, Me.	do ...	do .....	.....	do ...	500 cargo 900

Date	No.	Vessel	Captain	To	Status	Remarks	Fog	Partial
May 17	17	Moselle.....	5 Windsor.....	do ..	139 Demerara to Halifax.	Herring Cove.	do ...	Partial..
do 12	12	Marysville	15 St. John.....	do ..	77 Musquash to Rock- port.	Musquash River	do ...	do ...
June 12	12	Mary Durkee...	22 Yarmouth	Bark	880 Sydney to Miramichi.	Magdalen Islands	do ...	do ...
Mar. 3	3	Matilda Beck ..	7 Dorchester, N.B.	Brigantine ..	270 West India Islands to Boston.	Massachusetts Coast.	do ...	do ...
May 12	12	Marguerite	13 Gaspé	Schooner	27	Fox Bay, Anticosti	Abandoned .	Unknown.
do 12	12	McK	5 Lunenburg	do ..	39 Sealing voyage	do ...	Stranding ...	Total ...
Jan. 17	17	Maggie Elliott	12 Halifax	Bark	799 Inequque to Hampton Roads.	Atlantic Ocean....	Gales	do ...
Sept. 19	19	Moss Glen.....	5 St. John	do	893 New York to Dunkirk	do	Damaged....	Partial..
July ...	...	Mizpab. ... ..	..... Norway	Bark	738 Quebec to Liverpool Near St. Denis Wharf.	Atlantic Ocean....	Stranding ...	Partial.
Sept. 18	18	Minnie Butler.	9 Halifax	Brigantine...	120 Halifax to Kingston.	Atlantic Ocean....	Abandoned.	Total....
Oct. 7	7	Mary	23 Arichat.....	Schooner....	101 Arichat to North Sydney.	Big Bras d'Or.....	Stranding ...	Partial..
Aug. 22	22	Magenta... ..	11 Windsor	Bark	327 Amoy to Norechway..	Amoy Harbor.....	do ...	Total....
Oct. 22	22	Maggie Noble.	5 St. John	Nil	9 At wharf.	Rothsay	Burning	do ...
April 4	4	Newcastle City	2 England.....	Steamer	1384 Halifax to Boston, U.S.	Little Hope Island, N.S.	Stranding ...	Partial..
May 22	22	Natrona	24 St. Johns.....	Schooner....	139 Glace Bay to Quebec	Red Island, St. Lawrence.	do ...	do ...
July 10	10	Nellie Crosby.	10 Yarmouth	Brigantine...	440 Puerto Ferro to New York.	Puerto Ferro.....	do ...	do ...
Feb. 1	1	Oseage	11 Pictou.....	Bark	397 Trinidad to Philadel- phia	Delaware Break- water.	Error of tug ...	do ...
Aug. 23	23	Oi Kaze	4 Port Medway.	Sloop	9 Halifax to Sydney....	Country Harbor....	do ...	Total....
Mar. 1	1	Ocean.....	10 Liverpool	Brig	651 Pensacola to Buenos Ayres.	Island of St. Thomas.	Foundering.	do ...

STATEMENT OF WRECKS and Casualties to Sea-going Vessels—Continued.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
May 3	Ocean Express	12	Shelburne	Bark.	489	Portland to Bahia Blanca.	Bahia Blanca.	Stranding	Error.	.....	Total	\$ 15,000 cargo 1,200
Mar. ...	Para.	10	St. John, N.B.	Brigantine	281	Pernambuco to Halifax.	Berry Head, Guys-boro'.	do	Ice.	.....	do	8,000 c'go 10,000
Feb. 21	Premier	19	Halifax	do	139	Halifax to Cuba.	Atlantic Ocean.	Dismasted and leaking	Stress of weather.	.....	do	4,000 cargo 1,200
158 April 18	Ponema	9	Chatham	Bark.	748	Liverpool to Miramichi.	do	Collision.	"Florida".	12	do	25,000
do 25	Patris.	45	Jersey	Brig.	187	Jersey to Arichat.	do	do	Iceberg.	.....	Partial.	1,000
Aug. 20	Prince Arthur.	19	Gaspé	Steamer.	343	Clayton to Montreal.	St. Lambert.	Collision.	"Corsican".	.....	Partial.	200
Oct. 22	Plevna.	7	Liverpool	Bark	656	St. John to Carnarvon.	Bliss Island.	Stranding	Error.	.....	Total	13,000 c'go 5,000
Dec. 20	Polar Star.	9	do	Schooner.	75	Louisburg to Arichat	At sea.	Damaged.	Gale.	.....	Partial.	600
May 19	Queen of the East.	27	Halifax.	do	24	Halifax to Main-a-Dieu.	East coast of Nova Scotia.	Abandoned	Leaking.	.....	Total	600 cargo 1,500
April 16	R. F. Matthews	5	London	Steamer.	1280	New Orleans to Hamburg.	Atlantic	Lost propeller.	Gale.	.....	Partial.	3,000
May 16	Richard Hutchinson.	4	Chatham	Bark	767	Halifax to Chatham.	White Island, N.S.	Stranding	do	.....	do	3,000

July 14 River Ettrick.	1	Glasgow	Steamer.....	934	Glace Bay to Montreal.	Green Island Ledge	do	Ice .....	.....	Unknown.
do 15 Rolf	29	Norway	Bark	922	Chatham to Liverpool.	Escuminac	do	Gale	Total ...	10,000 c'go 8,000
do 7 R. Grant	5	Sydney	Schooner ...	43	Halifax to Ingonish..	Pettipas Shoal, Canso.	do	do	Partial..	200 cargo 500
Mar. 13 Royal Harrie ..	12	St. John.....	Bark ..	492	Colombo to London.	On voyage.....	Condemned...	Leaking	Total ...	16,000
Aug. 6 Rothesay	7	do	Brigantine...	148	St. John to Sydney..	Scatterie.....	Stranding	Fog!	do ...	6,000 c'go 11,000
Sept. 26 Rondo.....	2	do	Schooner...	123	St. John to New York	Nantucket Shoals..	Collision	"Panther" ..	Partial..	2,000
Jan. 19 Sea Breeze.....	6	Digby	Brigantine...	189	Boston to Bear River	Grand Manan.....	Stranding	Snow squall ..	Total ...	3,000 cargo 3,200
Feb. 13 Stowell Brown	10	St. John.....	Ship ..	1369	Cardiff to Rio Janeiro	Oregan Head, Watterford.	do	Error	do ...	46,000 cargo 6,300
Mar. 16 Souvenir	8	Yarmouth	Bark ..	828	St. John to Liverpool.	Ocean.....	Foundering..	Gale	1 do ...	15,000
June 26 Sarah Godfrey	1	Dorchester.....	Schooner...	186	Rio Grande to New York.	do	Damaged	do	Partial..	1,500
Sept. 11 Sir John A....	5	Guysboro'	do	25	St. Peter's to Guysboro'.	Lennox Passage ...	Burned	Accident	Total ...	800 cargo 1,500
do 5 Sarah Alice....	new	Halifax	do	93	Newfoundland to Halifax.	At sea.....	Masts carried away.	Stranded	Partial..	1,800
April 4 Samantha	10	St. John.....	Bark ..	899	Moulmein to La Civitat.	La Civitat.....	Stranding	Error .....	.....	Unknown.
July 12 State of Maine	1	Eastport.....	Steamer.....	1145	Eastport to St. John	Port Lepreaux.....	do	Fog	Partial..	60,000 cargo 1,000
do 2 Sea Nymph....	19	Halifax	Schooner ...	43	Halifax to Sherbrooke.	Seal Rocks	do	do	do ...	156 cargo 150
Sept. 26 Saguenay .....	.....	Quebec	Steamer.....	423	Quebec to Rivière du Loup.	Murray Bay	Burning	Fire	Total....	60,000

STATEMENT OF WRECKS and Casualties to Seagoing Vessels—Continued.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
May 4	Tunstall	4	Montreal ..	Steamer	816	Pictou to Montreal	Prince Edward Island.	Damaged ...	Ice .....	.....	Total...	\$ 40,000
Mar. 4	Tempest	6	St. John	Bark	476	Philadelphia to Constantinople.	Newcastle, Delaware.	do ...	do .....	.....	Partial..	3,000
Sept. 11	Twilight	13	Yarmouth	Schooner ...	58	Newfoundland to Yarmouth.	Cape Island	Stranding ...	Error	2	Total...	4,500 cargo 3,500
Aug. 30	Tickler	28	Jersey	do	96	Arichat to New Carlisle.	Pokemouche Sand Bar.	do ...	do .....	.....	Partial..	500
Mar. 1	Thetis	10	Darnen	Brig	558	London to Quebec ...	Magdalens	do ...	Gale .....	.....	Total...	8,000
Feb. 9	Umatilla	2	Portland, Oregon.	Steamer	1336	San Francisco to Seattle.	Near Cape Flattery	do ...	Snow squall ...	.....	do ...	300,000
Jan. 21	Union	5	St. John	Schooner ...	149	St. John to New York.	Martha's Vineyard	do ...	do ...	.....	Partial..	600
July 10	Victor	10	Charlottetown	Schooner ...	123	St. Johns to Bridge-water.	Grand River	Stranding ...	Fog .....	.....	Total ...	2,000
Sept. 29	Veloz	7	Yarmouth	do	54	Meteghan to Gloucester.	Matinicas	do ...	do .....	.....	do ...	2,000
Jan. 6	Welcome Return.	.....	Sydney, C.B..	do	69	Halifax to Cow Bay.	Ferguson's Cove...	Collision	"W. L. J." ..	.....	Partial..	250
do 6	W. L. J	13	Swansea	Bark	302	Pernambuco to Halifax.	do do ...	do ...	"Welcome Return."	.....	do ..	1,000
May 15	William B.	14	St. John, N.B.	Schooner ...	141	St. John to Boston ...	Herring Gut, Maine	Stranding ...	Error .....	.....	Total ...	2,300

July 13	Warwick	2	Bristol	Steamship ..	1848	Newport to Montreal	Fox River	Stranding ...	Fog ....	.....	.....	cargo 2,000
June 22	Western Light	35	Charlottetown	Schooner....	49	Anticosti to Minimi- gash.	Hog Island.	do ...	Currents .....	.....	Total ...	Unknown. 1,000 cargo 700
do 10	Wellington	1	Newcastle-on- Tyne.	do	1864	In port	Departure Bay.....	Collision ...	Vessel .....	.....	Partial ..	3,000
Jan. ...	West Cumber- land.	4	Maryport	Steamship ..	888	Workington to St. John.	On the voyage.....	Damaged....	Gale .....	.....	do ..	300
do 28	Xebee	8	Digby	Schooner....	195	Boston to Annapolis.	Frenchman's Bay.	do ...	Ice .....	.....	do ..	1,000
Oct. 2	Xebee	8	do	do	195	Buctouche to Boston	Off Pictou Island..	Burning	Accident .....	.....	Total ...	6,000 cargo 600
Jan. 4	Yarmouth	14	Yarmouth	Bark	698	Gloucester to Yar- mouth.	Yarmouth Island..	Stranding ...	Snow squall ...	.....	do ...	15,000 cargo 2,000
Feb. 29	Zulu	5	Barrington	Brigantine..	144	Bermuda to Halifax ..	Margaret's Bay	Masts cut away.	Gale .....	.....	Partial..	3,000

APPENDIX No. 5.

STATEMENT of Wrecks and Casualties reported as having occurred on the Inland Waters of Canada, from the 1st January, 1884, to 31st December, 1884.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from.— Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
June 17	Alexandrian.....	.....	Montreal	Steamer.....	508	Trenton to Montreal.	Near Montreal	Stranding ...	Rudder chain breaking.	.....	Partial..	\$ 1,000
July 9	Alberta.....	1	do	do	1155	Owen Sound to Port Arthur.	Sault Ste. Marie....	Collision ...	"Pacific" .....	.....	do ...	Unknown.
do 27	Alberta.....	1	do	do	1155	Sault Ste. Marie to Port Arthur.	White Fish Point.	do	Fog	1	do ...	do
May.....	Argyle.....	.....	American	do	405	do do ...	Michipicoten.....	Stranding...	Reef .....	.....	do ...	2,000
Oct. 7	Albert.....	17	Montreal	do	110	Montreal.....	In canal.....	Burned.....	Sparks .....	.....	Total ...	8,000
June 5	Cella.....	22	Liverpool ...	do	1325	Quebec to Montreal..	St. Lawrence	Collision ...	Error.....	.....	Partial..	Unknown.
do 6	California	10	Montreal	do	581	Chicago to Montreal	Sand Beach.....	Stranding...	Fog .....	.....	do ...	9,000 c'go 11,000
Aug. 28	Defiance.....	5	St. Catharines	Schooner....	89	Niagara to St. Catharines.	Dalhousie Harbor, Lake Ontario.	Foundering.	Gale .....	.....	Partial..	1,200
June 10	Energy.....	1	Wallaceburg ..	Steamer.....	70	Wallaceburg to Detroit.	Lake St. Clair....	do ...	do .....	.....	do ...	3,000 200 cargo
July 5	Erie Queen	10	Port Rowan ...	Schooner....	217	Port Whitby to Prescott.	Cole's Light, near Brockville.	Stranding ...	do .....	.....	Partial..	3,625 c'go 15,500

APPENDIX No. 6.

SUPPLEMENT to the Statement of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Seagoing Vessels, during the Calendar Year of 1883.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
Oct. 15	Addie Benson.	10	Digby	Brigantine...	327	Digby to Cow Bay...	Cow Bay	Stranding ...	Gale .....	.....	Partial..	\$ 4,000
Sept. 26	Alice	7	Quebec	Bark	724	Sydney to Quebec....	Anticosti	do ...	do .....	.....	Total....	ship 18,000 cargo 4,000
Nov. 21	Aldytha	10	St. John, N.B.	Schooner....	231	Lingan to St. John..	Lingan Bay	do ...	do .....	.....	Total ...	ship 6,500 cargo 480
Sept. 5	Alta	3	Halifax	do	168	Montreal to New- foundland.	Pointe aux Trem- bles.	do ..	Fog .....	.....	Partial..	2,000
Dec. 18	Alpheta	6	Charlottetown	Brigantine...	299	Liverpool, G.B., to Charlottetown.	Long Point, Canso	do ...	Dragged an- chors.	.....	Total....	9,000 part'l 4,500
Nov. 13	Arabell	12	Windsor	do ..	178	Lingan to St. John, N.B.	45° E.S.E. of Hal- fax.	Strained and leaky.	Gale .....	.....	Partial..	2,500
Sept. 26	Alice Cooper..	11	do	Bark	863	Dunkirk to New York	Isle of Wight, G.B.	Grounded ...	do .....	.....	do ...	7,000
Dec. 24	Ariel	3	St. John	Schooner....	90	St. John to Boston ...	Dipper Harbor.....	Stranding ...	Dragged an- chor.	.....	do ...	200
Sept. 7	Argo	14	Digby	do	91	Bear River to Boston	Joggins Bridge....	do ...	Submerged pier.	.....	Total....	1,000 part'l 50
do	Annie	8	Maitland	Brigantine...	203	Jamaica to Montreal.	Atlantic Ocean....	Leaking.....	Gale .....	.....	Partial..	2,500
Oct. 14	Andromeda....	1	Copenhagen ..	Br g	300	Quebec to Cork	Off White Island Reef.	Collision....	"Romilus" ....	.....	do ..	800

SUPPLEMENT to the Statement of Wrecks and Casualties to Sea-going Vessels—Continued.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
Aug. 14	Chas. E. Scamell.	11	St. John	Schooner.....	254	Santos to New York.	Near Pensdo, Brazil.	Stranding ...	Stress of weather.	.....	Total....	\$ 12,000
Dec. 16	Oalcutta.....	7	Windsor.....	Bark.....	1269	Montevideo to Manila.	Strait of Macassar..	do ...	Unknown reef .....	.....	do ...	30,000
do 4	Carrie Delap..	9	Annapolis	do	1116	Troon to Matanzas...	Troon Harbor.....	Collision ...	Gale.....	.....	Partial..	250
do 3	Champion	9	St. John.....	Schooner.....	114	Stonington to St. John.	Cuttymunk Island, Mass.	Stranding ...	Fog .....	.....	do ...	1,200
Nov. 9	Diligentia.....	27	Greenock.....	Bark.....	589	Quebec to Belfast....	Off River Ouelle...	Car'ed away hawspipe.	To avoid collision.	.....	do ...	Unknown.
do 19	Duncan.....	13	Victoria, B.C.	Sloop.....	8	Victoria to Ganges Harbor.	Trial Island Rocks	Stranding ...	Gale. ....	.....	Total....	350 cargo 850
Dec. 31	Delta	12	Yarmouth	Schooner.....	103	Cow Bay to Yarmouth.	Unknown.....	Foundering.	do	6	do ...	1,800 cargo 250
Nov. 7	E. Smith.....	17	Halifax	do ...	63	Halifax to Bermuda.	Atlantic Ocean....	Abandoned..	Stress of weather.	.....	do ...	3,000 cargo 2,000
Dec. 9	Elie.....	11	Quebec.....	Brigantine..	125	Quebec to Buenos Ayres.	100 miles S.E. of Belle Isle Straits	Strained, &c	do ...	.....	Partial..	1,000
do 23	Eureka.....	5	Weymouth.....	Schooner.....	94	Rockland, Me., to Weymouth.	to Fox Island, U.S....	Stranding ...	Snow squall....	.....	do ...	1,000
Oct. 15	Evergreen.....	6	St. Andrews...	do ...	106	St. John to Boston...	Baker's Island.....	Capsized ...	Leaking .....	.....	Total....	2,000
July 4	Falmouth	11	Eastport, Me...	Steamer	849	St. John to Eastport	Point Lepreaux.....	Stranding ...	Fog .....	.....	Partial..	500

time.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
Dec. 20	F. Townshend	1	Parrboro'	do	161	Hillsboro' to New York.	N.S.	Apple River, N.S.	Listed off and filled.	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do	do																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

SUPPLEMENT to the Statement of Wrecks and Casualties to Sea-going Vessels—Continued.

Date of Casualty.	Name of Vessel.	Avg.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from.— Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
Nov. 12	Hartburn.....	1½	West Hartlepool, G.B.	Steamer.....	1245	Bathmore to Belfast	Lat. 41° 30' N.; Lon. 61° 25' W.	Damaged....	Stress of weather.	.....	Partial.	\$ 2,000
Oct. ...	Harmony.....	9	Halifax.....	Schooner....	102	North Sydney to Halifax.	Red Islands, C.B..	Stranding ..	Rocks.....	.....	Total...	1,800
Dec. 4	J. N. A.....	3	Magdalen Islands.	Schooner....	63	Port Hastings to Magdalen Islands.	Cape George, N.S.	do ..	Gale .....	.....	Total ..	3,000 cargo 1,000
do 3	J. E. Graham..	6	Windsor, N.S.	do ..	22	Parrshoro' to Port Lawrence.	Apple River, N.S..	do ..	Snow storm....	.....	do ..	500
Nov. 13	J. L. Cotter...	11	St. John, N.B.	do ..	139	Lingan, C.B., to St. John, N.B.	Yarmouth Sound..	do ..	Gale .....	.....	Partial ..	500
Sept. ...	J. Williams....	12	Windsor.....	Brigantine...	338	New York to Montevideo.	Two days out.....	Damaged....	Stress of weather.	.....	do ..	250
Nov. 12	Jumbo.....	New	Lunenburg....	Schooner....	20	Prince Edward Island to Lunenburg.	1 mile S. of Cape Jack Light.	Capsized....	Squall.....	.....	do ..	100 cargo 1,500
do 12	Jessie Douglas	19	N. Shields, G.B	Bark.....	812	Quebec to Greenock.	Off Brandy Pots...	Stranding ..	Gale .....	.....	.....	Unknown. cargo do
Dec. 9	Jean Pierre....	.....	Bordeaux.....	do ..	637	Burrard Inlet to Australia.	Parry Bay.....	do ..	Fog .....	.....	Partial..	700
Nov. 12	King's County	12	Windsor.....	do ..	858	Philadelphia to Hamburg.	Bombay Hook, Delaware.	Collision....	Error .....	.....	do ..	400
Aug. 29	Louisa Montgomery.	19	Charlottetown P.E.I.	Schooner....	27	Charlottetown to Marble Mountain.	McRae's Island, Bras d'Or.	Stranding ..	Anchor would not hold.	.....	Total ..	400

Oct. 29	Lydia	13	St. John	Brigantine...	428	Ayres. Boston to Port Gale- donia.	Gloucester, Mass...	Loss of spars, &c.	do .....	.....	Partial..	5,000
Aug. 27	Libbie H.	8	Halifax, N.S...	do ..	361	Falmouth to Halifax.	English Channel..	Collision.....	Steamer .....	.....	do ..	5,000
.....	Lord Dufferin.	8	Sydney	do ..	210	St. Johns to Barba- does.	Unknown	Foundering	Unknown	8	Total ..	4,000
Sept. ...	Lady Hincks...	12	London, G.B.	Bark.....	693	Liverpool, G.B., to St. John, N.B.	On the voyage.....	Put into St. John dam- aged.	Gale .....	.....	Partial..	261
Aug. 30	Mary	14	Sydney	Schooner ...	64	Glace Bay to Halifax	Mainadieu, C.B....	Stranding ...	Gale .....	.....	Partial..	250 50 cargo
Oct. 29	Meta	4	St. John, N.B.	do	99	Boston to Hillsboro', N.B.	Ragged Island, Maine.	do	do .....	.....	Total ...	5,000
Nov. 6	Margaret Ann.	3	Pictou	do	53	Charlottetown to Boston.	Jeddore Harbor....	do	Snow storm....	.....	Partial..	500
do 30	Mary Wiggins.	11	Windsor	Bark.....	800	New York to Havre..	5 miles E. of Cape le Havre.	do	Fog	1	Total ...	20,000 c'go 30,000
do 5	Miramichi	20	Quebec	Steamer	491	Montreal, in port....	In port	Collision ...	Dredge .....	.....	Partial..	300
do 18	Minnie Louise.	3	Port Hawkes- bury.	Brigantine...	230	Sydney to St. Johns	Lat. 48° N.; Lon. 50° 30' W.	Foundering.	Stress of wea- ther.	.....	Total ...	6,000 cargo 1,500
do 19	Martha Ann Palmer.	19	St. John	Bark.....	300	Bathurst to Oran....	On the voyage	Condemned.	Damage from gales.	.....	Total ...	6,000 cargo 2,500
June 6	Natrona	1	do	Schooner....	139	Sheet Harbor to St. Johns, Nfld.	St. Shotts, Nfld. ...	Stranding ...	Gale .....	.....	Partial..	6,000
Aug. 29	Nova Scotia ...	6	Windsor, N.S.	Bark	1110	New York to Rotter- dam.	150 miles S.E. of Sambro.	Put back to Halifax.	Stress of wea- ther.	.....	do ...	9,000
Oct. 8	Nuncio	5	Yarmouth	Ship.....	1252	Liverpool to New Or- leans.	Burbo Bank.	Stranding ...	Gale .....	.....	Total ...	37,000
Sept. 4	Oswingo	14	St. Andrews...	Bark	671	Newcastle, N.S.W., to Wilmington.	Pacific Ocean.....	Foundering.	Leak.....	.....	Total ...	13,000 cargo 4,000
Nov. 13	Olivia	33	Quebec	do	778	Quebec to London....	Cacouna Island....	Stranding ...	Parted chains.	.....	do	6,000 cargo 6,000

SUPPLEMENT to the Statement of Wrecks and Casualties to Sea-going Vessels—*Concluded.*

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
Nov. 27	Orange Grove.	5	Shelburne	Schooner	82	Charlottetown to New York.	Wood End, U.S....	Stranding...	Gale .....	.....	Partial..	\$ 700 cargo 600
Dec. 12	Prussian General.	14	St. John.....	do	1877	St. John to Salmon River.	Quaco, N.B.....	Damaged...	do .....	.....	do ..	400
Aug. 21	Rapid	7	do	Brigantine..	325	St. John to Port Rush Island.	Seal Island, N.S....	Stranding...	Fog.....	.....	do ..	2,500 cargo 700
Dec. 3	Regina.....	10	Yarmouth	Ship.....	1212	Philadelphia to London.	38° 41' N. Lat., 52° 8' W. Long.	Foundering.	Gale	11	Total....	30,000 cargo 40,000
Nov. 12	Resource.....	16	Norway.....	Bark.....	652	Quebec to London....	Cacouna, St. Lawrence.	Collision ...	Dragged anchors.	.....	Partial..	360
Oct. 14	Romulus	1	do	do	668	Cardiff to Quebec....	Off White Island Reef.	do	"Andromedo"	.....	do ..	50
Nov. 13	Riberia.	10	St. John.....	Brigantine .	299	Turks Island to New York.	On the voyage and at Nassau.	Leaking and stranding	Stress of weather.	.....	do ..	3,000
Dec. 5	Revello	8	Annapolis	Bark.....	937	Samarany to Lisbon.	Cheribou Reef, Java.	Damaged....	Hurricane .....	.....	do ..	16,100
Sept. 16	Royal	19	Quebec.....	Tug.....	71	Montreal to Quebec.	Point Plateau.....	Stranding ...	Error.....	.....	Total....	2,000
Oct. 14	Stella R.....	8	St. John, N.B.	Schooner ...	72	Harvey to St. John.	Grindstone Island.	Stranding ...	Reef .....	.....	Partial..	50 cargo 100
Dec. 10	Spring Bird....	13	St. John	do	92	St. John to Lynn, Mass.	Man Island Ledge, Me.	do ...	Error.....	.....	do ..	1,000
Nov. 28	Scot's Bay.....	8	Windsor, N.S.	Bark	962	Antwerp to Aspinwall.	River Scheldt.....	do ..	Fog .....	.....	do ..	6,000

Nov. 1	Sokoto	8	Yarmouth	Bark	958	Singapore to Boston	Banker Straits	Collision ...	"Britannia" ..	do ...	4,000
Mar. 26	St. Joseph	10	Quebec	Tug	6	Lake St. Joseph	Lake St. Joseph ...	Fire	Unknown	Total ...	3,500
Dec. 4	Safeguide.	22	Halifax.	Schooner	28	Halifax to Shoal Bay	Shoal Bay	do	do	do ...	400
Oct. 15	Traveller	11	Norway	Bark	814	Quebec Harbor.	Downing's Booms.	Burning	Stove	Partial..	1,000
Dec. 29	Truro	10	Halifax, N.S. ...	do	895	Rotterdam to New York.	Lat. 41° N, Lon. 56° W.	Dismasted ...	Stress of weather.	do ...	1,500
Nov. 12	Victor	33	Norway	do	562	Quebec to Belfast, Ireland.	Off Cacouna	Collision	"Resource" ..	do ...	480
Dec. 29	Viola	11	St. Johns, Nfld	Barkentine..	182	Masico to Halifax	Lat. 38° W, Lon. 65° W.	Loss of spars	Gale	do ...	2,000 cargo 2,200
June 19	Victor	1	St. John, N.B.	Steamer	8	In St. John's Harbor	In port	Collision ...	"General" ..	Total ...	3,000
Dec. 6	Wideawake	1	do ...	Schooner	119	Bridgewater, N.S., to Providence, R.I.	Near Whitehead, Me.	Stranding ...	Hazy & errors.	do ...	7,000 cargo 300
Nov.	William Hayes	9	Halifax	do ...	160	St. Johns to Sydney, C.B.	Unknown	Missing	Unknown	do ...	5,000
Oct. 31	Walrus	20	Parrsboro'	do ...	59	Harvey, N.B., to St. John.	Roshea Bay	Stranding ...	Gale	do ...	400 cargo 100

APPENDIX No. 7.

SUPPLEMENT to the Statement of Wrecks and Casualties reported as having occurred on the Inland Waters of Canada, during the Calendar Year of 1883.

Date of Casualty.	Name of Vessel.	Age.	Port of Registry.	Rig.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Nature of Casualty.	Cause of Casualty.	Lives Lost.	Total or Partial Loss.	Amount.
1883.												
Nov. 20	China	20	Hamilton	Schooner	314	Sarnia to Penetan- guishene.	Cape Hurd, Lake Huron.	Stranding ...	Snow storm....	.....	Total ...	\$ 6,600
do 22	Eclipse	5	Sarnia.	Steamer	49	Algoma Mills to Sarnia.	Lake Huron.	Foundering.	Gale	5	do ...	7,000
Feb. 2	Flora Barnes..	3	Hamilton	do	17	.....	Bracebridge	Burning	Incendiary....	.....	do ...	4,000
July 18	Garibaldi ...	20	do	do	166	Echo Lake to Point Edward.	Sister Rocks, Lake Huron.	Stranding ...	Gale .....	.....	.....	.....
Nov. 10	Milwaukee....	11	Montreal..	Barge	352	Charlotte to Kings- ton.	Real Ducks Islands	Foundering.	do	7	Total ...	7,000 cargo 2,000
do 30	Norman	11	Kingston.....	Steamer.....	93	Kingston to Picton..	Pringer Cove, Bay of Quinté.	Burned.....	Unknown.....	.....	do ...	5,000
do 17	Onaida..	15	do	do	320	Kingston to Montreal	Lachine Canal.....	Damaged ...	Ice.....	.....	Partial..	200 cargo 7,000
July 12	Princess Louise.	4	Port Stanley...	do	39	In port, London, Ont	In port.....	Carried over the dam.	Freshet.....	.....	Total ...	5,000
May 17	Prince Edward	17	Quebec	do	111	Quebec to Point Levis.	At wharf.....	Burned	Unknown.....	.....	Partial..	30,000

APPENDIX No. 8

REPORT OF THE HARBOUR COMMISSIONERS OF MONTREAL FOR THE
CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

SECRETARY'S OFFICE,

MONTREAL, 31st January, 1885.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to forward herewith, for the information of the Honourable the Minister of Marine, statements of the receipts and disbursements of the Trust for the year ended 31st December, 1884.

The receipts from all sources were as follows, viz.:—

FROM COLLECTOR OF CUSTOMS, MONTREAL.		\$ cts.	\$ cts.
Harborage on goods—inwards.....		94,900 69	
do outwards.....		52,079 75	
Wharfage dues on steamships.....		40,412 52	
do sailing vessels.....		5,869 26	
			193,262 22
LOCAL TRAFFIC.			
Harborage on goods—inwards.....		5,082 90	
do outwards.....		1,058 36	
Harbor dues on barges.....		8,701 19	
do steamers.....		1,868 50	
Wharfage on steamers.....		12,962 00	
Received for piling lumber on wharves.....		1,880 00	
do coal do.....		1,864 28	
do firewood do.....		440 26	
do phosphates do.....		102 98	
Received rent of small offices.....		718 50	
do do scales.....		800 00	
do for penalties.....		24 50	
do for cars transferred by steamer "South-Eastern".....		1,870 50	
			37,373 97
Ordinary revenue.....			230,636 19
From Dominion Government.			
Received on account new channel works.....		100,000 00	
do do maintenance of buoys and beacons.....		7,000 00	
			107,000 00
do rent of offices in building.....			2,000 00
do Canadian Pacific Railway, rent of track.....			2,875 04
do 2nd instalment on old building sold.....		3,600 00	
do one year's interest on sale of above.....		864 00	
			4,464 00
do harbor debentures, series B, sold.....		93,000 00	
do do do C do.....		132,000 00	
			225,000 00
do interest on bank accounts, &c.....			2,837 19
Received from Steam Crane Co., rent of track.....			100 00
Grady amounts received for credit, as under:—			
Harbour dredging—plant.....		6,000 00	
New channel operations.....		208 57	
Harbour dredging.....		1,137 00	
do repairs.....		15 50	
Lighting wharves—coal oil.....		2 00	
			7,363 07
Total receipts.....			582,275 49

EXPENDITURE.

The expenditure was as follows:—		\$	cts.	\$	cts.
Harbour survey.....				143	99
Travelling and incidental expenses.....				212	70
Legal and notarial expenses.....				130	50
Dominion Government—interest.				74,575	34
Harbour railway.....				500	46
St. Lambert channels—Government survey.....				93	95
Lighting wharves—electric light.....		1,957	20		
do coal oil.....		622	27		
Printing, advertising and stationery.....				2,579	47
Latrines.....				2,970	88
R. H. Buchanan & Co., account steam pump....				264	10
Mrs. John Young, paid annuity.....				647	60
Wharfiges returned.....				600	00
Hire of bateau, placed on wreck of SS. "Ottawa".....				328	97
Refund of half tonnage dues, SS. "Ounholme," detained in quarantine.....		245	28	456	00
do do SS. "Mississippi".....		157	55		
New channel operations.....				402	33
Accounts written off—wharfiges, &c.....				176,832	91
Harbour dredging.....				174	88
do expenses and management.....				61,850	35
Interest on harbour debt.....				28,574	74
Harbour repairs.....				114,842	50
Buoys and beacons.....				44,868	96
Harbour debentures, series DD paid.....		100,000	00	8,198	78
do do EE do.....		41,000	00		
Total expenditure.....				141,000	00
				660,249	82

The revenue statement, as compared with the previous year, shows a net decrease of \$17,177, viz.: in the sea-going traffic, \$14,167.64, and in the local, \$3,009.36, or, say under 7 per cent.

In looking at this falling off in the receipts, it must be borne in mind that the harbour dues on grain were reduced, for a period of three months, from 7½ cents per ton to the merely nominal rate of 1 cent per ton.

A copy of the Chief Engineer's report on the works, &c., within the harbour, is now in course of preparation, and will be forwarded you in a few days.

Copies of the following reports have already been transmitted to you, viz.:—The Harbour Master's, with comparative statements of the trade of the port, &c.; the Superintendent of Pilots', with reference to the placing, maintaining, &c., of the buoys and beacons in the River St. Lawrence; and the Secretary's, giving particulars as to matters concerning this pilotage district.

The ocean tonnage for the year, as shown by the Harbour Master's report, was 649,374 tons, as against 664,263 tons for 1883, or 2¼ per cent. less. The inland tonnage amounted to 726,015 tons.

Operations for deepening the ship channel between Montreal and Quebec, to 27½ feet at low water, have been carried on satisfactorily during the season, and a report on the same for the past fiscal year has, as heretofore, been sent the Department of Public Works.

I have the honour to be, Sir,

Your most obedient servant,

H. D. WHITNEY,

Secretary.

WM. SMITH, Esq.,
Deputy Minister of Marine,
Ottawa.

PORT OF MONTREAL.

COMPARATIVE Statement showing the number and tonnage of Inland Vessels that arrived in port the past ten years, with the greatest number in port at one time.

Years.	No. of Vessels.	Tonnage.	Greatest Number in Port at one time.	
5.....	6,178	811,410	256	Aug. 4
6.....	6,083	786,083	262	Nov. 9
7.....	6,333	847,978	258	Oct. 3
8.....	5,502	764,243	261	do 15
9.....	5,698	817,243	227	Nov. 6
0.....	6,489	1,044,380	253	July 7
1.....	6,030	949,380	191	Nov. 4
2.....	5,947	848,780	190	Sept. 29
3.....	5,477	764,721	174	do 5
4.....	4,808	726,015	161	July 9

APPENDIX No. 9.

REPORT OF THE QUEBEC HARBOUR COMMISSIONERS FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

QUEBEC, 9th January, 1885.

SIR,—In compliance with the provisions of section 14 of the 38th Victoria chapter 55, I have the honor to report as follows on the doings of the Quebec Harbour Commissioners for the year 1884:—

Chief Engineer to the Graving Dock appointed Chief Engineer to the Harbour Works.

In order to simplify the duties of the Engineer in Charge, Mr. John E. Boyd, it was deemed advisable to place the harbour works under the control, as Chief Engineer of Mr. Henry F. Perley, Chief Engineer of the Department of Public Works of Canada, and that gentleman, with the permission of the Honorable the Minister of Public Works, consented to undertake the duties in connection therewith, in addition to those of the graving dock which, you are aware, he assumed during the summer of 1883.

CHIEF ENGINEER'S REPORT.

The enclosed report from the Chief Engineer, Mr. Henry F. Perley, on both the harbour and graving dock works, gives a full and most interesting detail of the progress of the work during the year.

Further shortening of the Graving Dock and Supplementary Contract for its completion

A few weeks after the works of the graving dock were resumed, at the opening of the season, the Chief Engineer, Mr. Perley, addressed to the Commissioners a report, in which, after alluding to his previous communication, he expresses himself as follows:—

"I have now to report that on Wednesday and Thursday, the 14th and 15th inst. attempts were made to pump out the area enclosed by the works and dam, as per contract, and the auxilliary dam, which resulted in a failure in the concrete flooring at points where it joined the rock, to withstand a pressure due to a head of 15½ feet and I had to direct the pumping to cease, as the pump in position was not sufficient to pump against any greater head, nor was it desirable to continue, because, with the influx of water, quantities of sand and pure gravel were brought in, evidently from under the concrete flooring, the tendency of which was to weaken, if not to destroy, the purpose for which it has been put in.

"The area enclosed was, however, pumped dry enough to enable me to locate the position of the blow holes, and to determine the volume of water they permitted to enter. I was also able to see the bottom, the state it is in, and the position of the rock.

"In the report alluded to herein, I stated the reasons why it was desirable to shift the entrance works 30 feet inwards, so that they might have a bearing on the rock. The examination made last week showed that shifting them, this would not place them on the rock, and that the blow holes, which will have to be stopped or enclosed are directly under the flashing culvert leading to the caisson chamber, and under the north wall of the chamber itself, and that the solid rock lies to a greater distance inwards.

"I have previously stated that the dock, as originally designed, was 549 feet in length between the face of the caisson and the circular head, and that by shifting the entrance works 30 feet inwards the length would be reduced to 519 feet, a length long enough to accommodate any vessel which can pass over the Dock Sill; and I instanced the 'Circassian,' which is 465 feet in length, as being the longest steamer frequenting the port.

"To insure the efficiency and future usefulness of the dock, and to place the entrance works on the solid rock, it will be necessary to shift them inwards a further distance of 25 feet, thus reducing the length of the dock to 495 feet, which would be still long enough to accommodate the 'Circassian.'

"In view of the great benefits which will arise by shifting the entrance works a further distance of 25 feet inwards, and the completion of the dock this year, I have to state that I have, after mature consideration, decided upon making the change in question, and I now submit my action for the approval of the Board.

"In connection with this matter, I would state that if, at a future date, it be found that the dock is too short to accommodate the class of vessels then frequenting the port, it can be easily and cheaply lengthened, by extending it from the southern end."

In the mean time, the engineer transmitted, for the consideration of the Commissioners, a copy of a correspondence that had taken place between himself and the contractors for the graving dock, Messrs. Larkin, Connolly & Co., on the subject of an offer by the latter for the completion of the dock this year, such offer to be a bulk sum, which would include all moneys paid to date on account of the dock, for the execution of all works that were or would be required for its completion, it being understood that all the works were to be built according to the plan and specification, except that the concrete backing of the caisson chamber walls would be increased 50 per cent. in thickness, and that the foundations of the chimney, pumping engines and boilers shall be of rubble masonry, founded on rock. The offer to be based on the assumption that the caisson chamber will be moved 25 feet to the southern end of the then present site; that the discharging culvert be increased that distance in length; that the flushing culvert on the east side be of the length shown on the drawings; and that the cost of all the works, in the shape of coffer dams, the maintenance of the then present auxiliary dam, pumping, dredging outside of the dam, thus clearing the entrance to the dock, and the clearing up the site of the works, &c.

All these recommendations were accepted by the Commissioners, subject to the approval of the Minister of Public Works. Subsequently they were sanctioned by an Order in Council.

The contractors, by their supplementary contract, have undertaken to complete the dock, as above stipulated, for the sum of \$64,080, and for a further sum of \$10,000 to erect the caisson.

The contractors have failed to complete the dock in accordance with their supplementary contract. They have been protested, and have answered to the protest that their failure in completing the work was due to grave defects in the auxilliary dam, which had been designed by and constructed under the supervision of the Commission's late engineers, and for other reasons which they could not control.

Mr. Perley, in his report accompanying the present, alludes to this failure, and declares that "it is due to the contractors to state that they made every exertion in their power to bring the work to completion this year, &c."

Messrs. Peters, Moore & Wright's claim in final settlement of their Contract for the Harbour Improvements.

In the report for 1883, alluding to the arbitration which had taken place in connection with Messrs. Peters, Moore & Wright's claim for a final settlement of their contract, it is stated that the Commissioners had decided not to recognize as valid the award of the Dominion Arbitrators, and that, on being informed of the decision, the contractors, instead of suing the Commissioners for the recovery of the

Arbitrators' award, had instituted an action for the sum of three hundred and fifty-two thousand four hundred and thirty-seven dollars and twenty cents (\$352,437.20) representing their new claim in settlement of their contract.

In April a communication was received from Messrs. Peters, Moore & Wright, praying the Commissioners to consent to transfer their case from the courts to a board of arbitration, to be chosen as follows: one by the Commissioners, one by them, and these two to select a third, and their decision to be final and binding on both parties.

The commissioners, after having given the most due Consideration to this communication, replied that, in their desire of avoiding litigation they would be willing to pay the amount awarded by Messrs. Kinipple & Morris, with interest at 6 per cent. from the date of such award, the payments made since to be, of course, deducted. This offer was made in order to meet, if possible, the wish of the contractors for an amicable settlement, and was without waiving the Commissioners' defence as pleaded to the writ.

A judgment has been recently rendered by the Superior Court rejecting with cost the *réponse spéciale* of the plaintiffs to the various *réponses en loi* of the defendants, which have been maintained.

By this judgment the contractors were compelled to procure the engineer's final certificates under the clauses 55, 56 and 57 of the specification attached to their contract. They, therefore, through their attorney, addressed, on the 18th November, a letter, praying the Commissioners to take the necessary means to obtain them the certificate in question.

To this letter the Commissioners have replied that they did not recognize any obligation incumbent on them to obtain the certificate required, reminding them, in the mean time, that on the occasion of Mr. Morris' visit to Quebec, in July, 1882, they had declined an offer from that gentleman to grant them such certificate.

In the same communication Messrs. Peters, Moore & Wright's attorney was informed that nevertheless the Commissioners were quite ready to aid his clients with a letter to Messrs. Kinipple & Morris, asking these gentlemen to furnish the desired certificate on hearing that such letter will meet his clients' wishes.

No answer having been sent to this last communication, the question is therefore still pending.

Erection of a Building on the Louise Embankment.

The contractors have been allowed to erect a large brick building on the Louise Embankment, in conformity with a plan and specification approved by the Commissioners. It has been built on a site chosen by the Engineer in Charge.

In case, at the expiration of their contract, an arrangement could not be agreed upon for the transfer of the building to the Commissioners at a valuation, the contractors have a right to retain it, by paying for the ground used an annual rent not exceeding the yearly amount which will be charged to other parties who will occupy similar ground, exclusive of all right of mooring crafts in front of the embankment, and of landing and loading goods of any description whatever.

The building, which is very substantial and covered with tin, is now used by the contractors as workshops and storehouse. It is large enough to be used as a railway station and depot.

Proposed laying of a Railway Track on the Louise Embankment.

The levelling of the sand, which is now in full progress, will permit the laying of one or two railway tracks, early next spring, on the Louise Embankment. The Commissioners have decided that no railway company whatever will be allowed to run on the embankment, except on the tracks laid by the Commission's engineers. All the railway companies, on their application, will be granted the permission of running by paying a uniform tariff which will be established to that effect.

An Illustrated Description of the Harbour Works.

"Le Génie Civil," an important review, published in Paris, in its Nos. 20 and 21, of 1884, contains a most remarkable and interesting description of the harbour works, illustrated with drawings. It is due to the pen of Mr. C. E. Gauvin, Civil Engineer, who is attached to the Crown Lands Department of this city. Mr. Gauvin cannot be too much praised for this work of his, which indicates that he is thoroughly acquainted with all the details of our harbour improvements. Mr. Gauvin, having done this work on his own accord, and without any remuneration, is entitled to the thanks of the Commissioners for the services he has rendered in thus placing before the public abroad, and especially before those interested in the shipping, the advantages which will be offered to vessels of all descriptions when those improvements will be completed.

Lifting Barge.

The lifting barge, which had been transferred to the Public Works Department after she had completed the removal of the nests of anchors and chains, and other obstructions in the harbour, was, by the kind permission of the Minister of the Department, placed at the disposal of the Commissioners, for the purpose of removing obstructions which has been discovered opposite the Upper Block of Indian Cove, and also for the purpose of resuming the removal of boulders inside the Fly Bank.

The master of the lifting barge, Captain Giguère, has reported that he has raised 11 boulders, measuring 10.63 cubic yards, at Indian Cove, and 279, measuring 191.02 cubic yards, inside the Fly Bank.

The removal of the boulders inside the Fly Bank, which was commenced in 1879, discontinued in 1881 and resumed this year, is not entirely completed, and according to Captain Giguère's report it will take another week to finish the work. It is the intention of the Commissioners to request the Minister of Public Works to further allow them the use of the barge for a week or two, previous to the resumption of her operations next season, in order to complete the so-long-needed improvement of freeing this channel of its boulders, which have always been a source of great inconvenience to the navigation.

The removal of those boulders will greatly facilitate the movement of vessels reaching the inside of that bank through this channel.

The number of boulders previously removed from that channel, amounting to 10, added to the 279 raised this year, gives a total of 889 boulders, representing an aggregate weight of at least 2,050 tons.

This channel has been buoyed for the first time this year, and will continue to be buoyed every season.

By-Law.

Verbal complaints having been frequently made that there exist no regulations concerning the anchoring and mooring of vessels in the channel of the River Saguenay, the Harbour Master was, on the 25th June, directed to proceed to that river, in order to examine the anchorage for vessels all along its navigable places, with the view of reporting on the advisability of enacting regulations concerning same.

The Harbour Master reported that he had made the examination required, and had established the necessity of regulating the anchoring and mooring of vessels frequenting the River Saguenay between Pointe des Roches and Government wharf, in the town of Chicoutimi.

A by-law was therefore prepared and published, in conformity with the law, and to opposition to same having been lodged it was duly passed by the Commissioners and submitted to the sanction of His Excellency the Governor General in Council. The required sanction having been obtained the by-law was immediately put in force. Its usefulness has already been demonstrated by three months' application, and during this period not a single complaint has been uttered.

Surveys.

By direction of the Commissioners a survey has been made, during the winter, of the foreshore at Lévis, from Begin's Hill to the eastern side of Glenburnie Cove, a distance of 3,960 feet.

The object of this survey has been to establish the cost of improving that part of the harbour, with the view of utilizing it for the dumping of the dredged materials from the Louise Basin, and also for the discharge of ballast from ships, which is now thrown into the ballast ground.

A similar survey has been ordered and made of Beauport Flats, East Dorchester Bridge, for a length of about 1,000 feet, and of Palais Harbour as far as Dorchester Bridge.

The object of this last survey is to establish the cost of building cribworks, which could be utilized as a place of deposit for the surplus spoil dredged in the Louise Basin.

The engineer's report, with plan on the first survey, is in the hands of the Commissioners. The other is expected daily. They will be both taken into consideration as soon as the latter will have been laid before them.

Building Destroyed by Fire.

The brick building on Pointe-à-Carcy wharf was, on the 20th October, between 9 and 10 o'clock p.m., destroyed by fire. It was insured for five hundred dollars (\$500) at the National Assurance Company of Ireland, represented here by Owen Murphy, Esq. The amount of insurance has been promptly settled.

This building, which formed part of the property leased to the North Shore Railway Company, has being re-built and will be, in a few days, returned to the company.

Repairs to Property.

The long contemplated repairs to Atkinson's wharf have been put into effect this year. The works, commenced on the 19th March, were completed early in July, and the wharf was handed over to the tenant on the 9th of that month. Its coping level has been raised 4 feet, in order to avoid the great flood, which, of late, have happened almost twice a year, and which have caused considerable damage to all the wharves.

During its repairs nine hundred (900) tons of stone ballast, four hundred (400) tons of rubbish, taken from ballast ships, and sixty-six (66) boulders were dumped into the wharf. It will require a few hundred tons more of ballast to complete its filling.

This property is now in the best condition.

The expenditure connected with the repairs of this wharf has been so extensive and of so permanent a character that it has been decided to distribute the amount—\$6,287.32—over five years, including the present.

The whole length of the south face of Pointe-à-Carcy wharf has been lined with spruce deals. This work has been done for the purpose of protecting its ballast.

One thousand and seventy tons (1,070) of stone ballast have been dumped into that wharf during the season. Its ballasting is progressing steadily, although not as rapidly as the Commissioners would desire, on account of the difficulty of procuring the filling material.

One large shed, covered with sheet iron has been erected, on Raynar's wharf. It has been built at the request of the tenant of the wharf, for the purpose of storing hard coal, he, the tenant, having agreed to pay 10 per cent. on its cost. Three dumping holes for the discharge of the coal had been made at the front of the second story facing the street, which have since proved useless, on account of a city by-law prohibiting impediments of any kind whatever on sidewalks. The tenant has been brought before the Recorder's Court; he has proved that the complaint lodged against him for the use of those dumping holes was of little or no importance, inasmuch as

greater impediments of all sorts are daily allowed on other sidewalks of the city. Notwithstanding his plea, the court has interdicted the use of the holes in question, on the ground only that a complaint had been lodged.

In consequence of this decision the tenant is refusing to pay the 10 per cent. agreed upon. It will therefore be necessary either to allow him a reduction on his agreement or to restore the building to its intended purpose, by moving it inwards.

Store No. 6 has been tarred; store No. 8 and half of store No. 11 have been painted during the summer.

The other stores and wharves under the control of the Commission have, as usual, been inspected and kept in the best state of repair.

COASTING TRADE.

The following statement conveys the detail of the coasting trade of the harbour for the season of navigation :—

Cargoes by schooners.....	1,345
do bateaux.....	1,096
do barges.....	227
do steamboats.....	267
Passengers	80,063

The aggregate tonnage of the crafts engaged in the coasting trade during the season is represented by 430,740 tons, served by crews numbering 16,848 men.

The accompanying annexures contain all the information yearly furnished to your Department, also a complete statement of the Commissioners' accounts for the year.

REVENUE.

The following is a comparative statement of the revenue of the Commission for the two last years :—

	1883.	1884.	Difference in 1884.	
	\$ cts.	\$ cts.	\$ cts.	
Tonnage dues.....	26,008 34	18,811 80	7,196 54	Decrease.
Import do	3,919 86	3,452 23	467 63	do
Export do	8,872 34	6,447 10	2,425 24	do
Harbour do	2,932 62	2,738 19	194 43	do
Property receipts	21,677 93	19,943 95	1,733 98	do
Interest.....	1,144 55	975 17	169 38	do
Beach and deep water lots.....	1,977 37	2,362 96	385 59	do
Sundries.....	61 81	37 45	24 36	do
	66,594 82	54,768 85	11,825 97	do

I have the honour to be, Sir,

Your most obedient servant,

A. H. VERRET,

Secretary-Treasurer.

To the Honourable A. W. McLELAN, Minister of Marine and Fisheries, Ottawa.

REVENUE AND EXPENDITURE.

1884. Dec. 31...	To	\$ cts.	1884. Dec. 31...	By	\$ cts.
1884. Dec. 31...	Tonnage dues.....	18,811 80	1884. Dec. 31...	Officers' salaries.....	5,550 00
	Export do	6,447 10		Reporters' do	775 00
	Import do	3,452 23		Commissioners' attendance.....	1,745 00
	Harbour do	2,738 19		Auditors for 1883.....	200 00
	Breakwater "receipts"	3,657 63		Breakwater "expenses"	574 92
	Point-a-Garcy Wharf "receipts" ..	6,999 50		Point-a-Garcy Wharf "expenses" ..	1,524 26
	East India do	2,433 33		do do	509 02
	Grand Trunk do do	2,000 00		do do	186 00
	Wellington do do	1,973 34		do do	358 81
	Atkinson's do do	1,897 65		do do	1,471 67
	Reynar's do do	982 50		do do	768 42
	Interest.....	975 17		Legal expenses.....	395 85
	Beach and deep water lots.....	2,362 96		Hardware for general use	248 32
	Sundries.....	37 45		Printing Commissioners' report.....	304 38
				Removing ice.....	178 69
				Harbour Master's service.....	284 50
				Advertising, stationery, office cleaning and sundries.....	2,056 99
				One year's interest and sinking fund on \$723,000 harbour debentures..	36,150 00
				Profit and loss.....	1,387 02
					54,768 85

JAMES WOODS,
Book keeper.

A. H. VERET,
Secretary-Treasurer.

Dr.

CR.

JAS. WOODS,
Book-keeper.

A. H. VERRET,
Secretary Treasurer.

QUEBEC.
STATEMENT of Assets and Liabilities per Balance Sheet of Date.

1884. Dec. 31..	ASSETS.	\$ cts.	1884. Dec. 31..	LIABILITIES.	\$ cts.	\$ cts.
	Real Estate:—			Quebec Harbour debentures.....	1,865,000 00	
	Point-à-Carcy Wharf.....	272,262 46		Received on account Graving Dock.....	642,000 00	
	East India do.....	48,368 49		SURPLUS.		2,507,000 00
	Grand Trunk do.....	15,433 32				
	Wellington do.....	84,730 35				
	Atkinson's do.....	50,945 20				
	Reynar's do.....	9,818 29		Composed as follows:—		
	Breakwater do.....	220,344 63	702,002 74	Beach and deep water lots.....	45,466 15	
	<i>In re</i> Beach and Deep Water Lots:—			Sinking fund.....	148,121 17	
	Capital at debit sundry parties.....	34,776 90		Profit and loss.....	43,618 69	
	Arrears of interest to 24th June, 1884....	5,212 14				237,206 01
	do 24th Dec., 1884....	1,241 44	41,230 48			
	Harbour Improvements:—					
	Peters, Moore & Wright.....	645,799 15				
	Engineering and sundries.....	89,011 77				
	Larkin, Connolly & Co.—Dredging.....	116,431 60				
	Dredging contingencies.....	5,029 73				
	Larkin, Connolly & Co.—Cross-wall.....	124,698 39				
	Cross-wall contingencies.....	3,148 75				
	Larkin, Connolly & Co.—Piling..	12,634 65				
	Piling contingencies.....	8,298 67				
	Interest account.....	178,345 79	1,182,398 50			
	Graving Dock:—					
	Larkin, Connolly & Co.....	497,771 22				
	Wigham, Richardson & Son.....	29,331 45				
	Carrier, Laine & Co.....	21,529 27				
	Engineering and sundries.....	85,490 57	634,122 51			
	Sinking Fund—In hands of Receiver General		148,121 17			
	Cash:—					
	On hand.....	283 06				
	In La Banque Nationale.....	9,467 18	9,750 24			
	Rents—Due by sundries as per balance sheet.		5,534 46			
	Harbour Dues—Due by sundries as per bal- ance sheet.....		1,342 20			
	Atkinson's Wharf—Construction.....		5,029 86			

Item	Quantity	Unit Price	Total
Jackscrews on hand	394	87	394 87
Tools do	974	55	974 55
Tools do	483	59	483 59
Tools do	421	82	421 82
Tools do	2,387	36	2,387 36
Office furniture			2,744,206 01
			2,744,206 01

A. H. VERRET,
Secretary-Treasurer.

APPENDIX No. 10.

REPORT ON THE OPERATIONS OF THE HARBOUR COMMISSIONER
OF TORONTO, FOR THE CALENDAR YEAR ENDED 31ST DECEMBER
1884.

TORONTO HARBOUR.

SECRETARY of the Toronto Harbour Trust in Account with the Harbour
Commissioners for 1884.

DR.

GENERAL BALANCE SHEET.

CR.

1884.	\$	cts.	1884.	\$	cts.
Dec. 31. Wharf property, lighthouses, &c.	40,020	57	Dec. 31. By balance to the credit of profit and loss	56,704	00
Elevator	10,250	00			
Office furniture	643	43			
Toronto, Grey & Bruce Rail- way	49	54			
Bank of Toronto, on deposit.	5,707	37			
Cash on hand	33	73			
	56,704	64		56,704	00

Having examined the books, accounts and vouchers, and compared the balance sheet as above with the books, we certify the same to be correct and to represent a true statement of the affairs of the trust to 31st December, 1884.

MORGAN BALDWIN,
Harbour Master.

JAS. E. DAY,
J. GRANT RIDOUT, } *Auditors,*

C. W. POSTLETHWAITE,
Deputy Harbour Master.

ARTHUR B. LEE, *Chairman,*
R. W. ELLIOT,
A. M. SMITH,
H. L. PIPER,
JAMES LOBB, } *Harbour Commissioners.*

TORONTO, 8th January, 1885.

STATEMENT of Receipts and Expenditure of Toronto Harbour Trust for the Year 1884.

1884.	RECEIPTS.	\$ cts.	1884.	EXPENDITURE.	\$ cts.
1. 2...	Balance on deposit in bank.	1,238 13	Dec. 31...	Repairs to Queen's wharf...	96 98
	Cash on hand.....	19 57		Repairs to breakwater	351 00
3. 31...	Toronto, Grey & Bruce Rail- way	3,000 00		Repairs to harbour boat	11 00
	Harbour dues	7,104 42		Engineer's fees and law costs	245 09
	Corporation City of Toronto	150 50		Plan of Ashbridge's Bay....	7 00
	Interest on bank deposit.....	42 10		Insurance	173 10
	Rent for boat-house	1 00		Dredging	911 76
				Lights and buoys	465 98
				Office expenses	421 59
				Office furniture	4 00
				Coal and wood	34 25
				Charges	300 00
				Printing and stationery	60 38
				Salaries	2,599 92
				Refunded E. H. Helliwell, twice deposited in bank ..	112 00
				Flag for Queen's wharf	20 57
				Balance on deposit in bank	5,707 37
				Cash on hand.....	33 73
		11,555 72			11,555 72

Examined and found correct.

JAS. E. DAY,
J. GRANT RIDOUT, } Auditors.

TORONTO, 8th January, 1885.

STATEMENT IN DETAIL.

1884.	OFFICE FURNITURE.	\$ cts.	\$ cts.
2.....	Amount as per ledger		643 43
	PROPERTY ACCOUNT.		
2.....	Balance as per ledger	40,000 00	
22.....	Flag for Queen's wharf	20 57	40,020 57
	TORONTO, GREY AND BRUCE RAILWAY.		
31.....	Interest on overdue rental, balance from 1882		49 54
	CHARGES ACCOUNT.		
14.....	Commissioners' and auditors' fees, 1883.....		300 00
	INSURANCE ACCOUNT.		
22.....	Premium on lighthouses	8 00	
28.....	do elevator	160 00	
24.....	do office furniture	5 10	173 10
	Carried forward		41,186 64

STATEMENT IN DETAIL—Continued.

		DREDGING ACCOUNT.	\$ cts.	\$
1884.		Brought forward		41,186
May	1	Hunter, Murray & Co., first and final certificate	834 06	
do	1	Kivas Tully, engineer's fee	41 70	
do	1	William Pearce, check clerk	36 00	911
		COAL AND WOOD.		
Feb.	12	P. D. Conger, 2 tons coal	13 50	
Nov.	11	J. R. Bailey, 2 do and $\frac{1}{2}$ cord pine	14 75	
Dec.	31	P. D. Conger, 1 do	6 00	34
		SALARIES.		
Dec.	24	Morgan Baldwin, harbour master	1,200 00	
do	24	E. G. Helliwell, deputy harbour master	799 92	
do	24	Capt. Taylor do do	600 00	2,599
		OFFICE EXPENSES.		
Feb.	12	Whitten & Co., fixing stoves	5 95	
May	11	R. Hay & Co., repairs to chairs and cushions	4 55	
Nov.	11	G. R. Cockburn, rent of office for 1884	360 00	
Dec.	19	Cab fare for funeral	4 00	
do	21	Whiten & Co., cleaning and putting up stovepipes	4 53	
do	31	Petty cash, sundry disbursements	42 56	421
		ELEVATOR.		
Jan.	2	Balance as per ledger, page 331		10,250
		PRINTING AND STATIONERY.		
Feb.	12	E. F. Clarke, for printing	22 50	
do	12	Copp, Clarke & Co., for printing	15 00	
May	4	Mail Printing Co., for posters	7 50	
Oct.	7	E. F. Clarke, for printing	7 50	
do	7	Copp, Clarke & Co., for printing	4 00	
Dec.	31	Petty cash	3 88	60
		LIGHTS AND BUOYS.		
April	1	Ross, Allan, for paint	\$ 13 00	
do	18	Capt. Taylor, placing buoys	30 00	
June	3	do Jackman do	45 00	
do	8	Consumers' gas account	55 04	
Oct.	7	do do	64 80	
do	21	William Trenwith, new buoys and repairs	39 60	
Dec.	2	Capt. Taylor, lifting buoys	18 64	
do	9	do Jackman do	100 00	
do	9	do Taylor do	8 00	
do	24	Consumers' gas account	70 40	
do	31	Petty cash	21 50	465 98
		CREDITS.		
July	5	Corporation of City of Toronto	30 50	
Dec.	31	do do	60 00	375
			90 50	55,840

Dr.		PROFIT AND LOSS.		Cr.	
1884.	\$ cts	1884.	\$ cts		
o. 4...James Bullevant, repairs to Queen's wharf.....	21 10	Jan. 2...Balances as per ledger, p. 346	52,144 67		
o 15...C. Robertson, repairs to breakwater	351 00	Oct. 1...Toronto, Grey and Bruce Railway Co	3,000 00		
o 15...Kivas Tully, engineer's fee.	17 55	July 1...Rent for boat-house	1 00		
ly 22...James Bullevant, repairs to Queen's wharf.....	75 88	Dec. 31...Harbour dues.....	7,104 42		
o 22...Kivas Tully, engineer's fee.	3 80	do 31...Interest	42 10		
g. 1...C. & H. D. Gamble, law costs	93 74				
pt. 1...Kivas Tully, engineer's fee.	130 00				
o 4...Repairs to harbour boat	11 00				
o c. 31...Ashbridge's Bay—Plan of	7 00				
o 31...Insurance	173 10				
o 31...Dredging.....	911 76				
o 31...Lights and buoys.....	375 48				
o 31...Office expenses	421 59				
o 31...Coal and wood	34 25				
o 31...Charges	300 00				
o 31...Printing and stationery	60 38				
o 31...Salaries	2,599 92				
o 31...Balance to credit of Profit and Loss	56,704 64				
	62,292 19		62,292 19		

Examined and found correct.

JAS. E. DAY,
J. GRANT RIDOUT, } Auditors.

TORONTO, 8th January, 1885.

COMPARATIVE STATEMENT.

Arriving by Steamers and Vessels for 1883 and 1884.

Description.		1883.	1884.
merchandise and all unenumerated articles	tons	16,856	14,645
coal	tons	115,535	98,223
wood	cords	282	155
one	toise	2,140	3,530½
me, plaster, &c.	bbls.	1,792	3,774
sh, oil, &c.	bbls.	442	1,024
rain	bush.	41,644	133,490
amber	M.	803,794	1,224,200
re brick	M	105,129	46,440
atoes and other vegetables	bbls.	609	2,543
lt	bbls.	None.	1,100
uit	bbls.	2,338	3,928
lo	boxes	7,141	7,323
lo	baskets	55,818	45,821
orses, carriages, &c.	each	412	255
uilding sand	tons	1,057	342
awrought building stone.....	tons	2,104	1,469
orter, beer, &c.....	bbls.	60	None.
our, meal, &c.....	bbls.	50	190
leep, pigs, &c.....	each	81	1
ay	tons	71	None.
aths, hoops, &c.	M	378,000	1,339,500

THIRTY-FOURTH ANNUAL REPORT.

To the Chairman and Commissioners of the Toronto Harbour Trust:

GENTLEMEN,—I beg to lay before you this my Annual Report for the year 1883.

The last of the ice left the bay on Tuesday, the 8th April, and the bay was frozen over again on the 19th December.

The first vessel to arrive was the "Minnie," of St. Catharines, on the 28th March, and the last to arrive was the propeller "Myles," on the 11th December.

The number of vessels that arrived at this port this season was 1,780, or 4 vessels more than last year.

	1884.	1883.	Increase.	Decrease.
Steamboats loaded....	109	490	.....	381
do light.....	405	38	367	.....
Propellers loaded.....	105	153	.....	48
do light.....	97	87	10	.....
Schooners loaded.....	1,015	863	152	.....
do light.....	49	101	.....	52

The number of vessels wintering here is 64, representing a tonnage of about 11,015 tons.

The receipts for harbour dues were \$7,104.42, a decrease of \$868.29 as compared with last year.

The balance to the credit of the Trust on the 1st January was \$1,257.70, the revenue for the year \$10,293.02, making a total of \$11,555.72. The expenditure was \$5,814.62, leaving a balance of \$5,741.10 at the end of the year.

The amount of coal received by water was 98,223 tons, or 17,312 tons less than last year.

The amount of coal imported by rail, as per information received from the Custom House, was: Hard coal, 106,673 tons; soft coal, 131,314½ tons; total 237,987½ tons. Amount received last year, 187,042 tons.

The water rose on the 22nd of May to 40 inches above zero, or 4 inches higher than it was last year and 1 inch lower than in the year 1876, which year, with five exceptions, was the highest in thirty years. The lowest water was 9 inches above zero on the 24th November, or 11 inches higher than the minimum last year.

Dredging was done in the slips at the foot of Brock, Yonge and Scott streets, at a cost of \$911.76.

Dredging will be necessary in the spring at many of the slips, more especially at the Yonge street slip, and I would strongly urge, as a sanitary precaution, as well as a saving of continual expense, that the sewer be carried, if possible, under Milloy's wharf out to the Windmill line. A good portion of the sewage will then be carried out of the harbour by the current.

It was the intention of the Commissioners to finish the work commenced last year, viz., making a cut from the south of the River Don into the marsh, for the purpose of diverting the current of the said river into Asbridge's Bay, by placing stop logs, &c., across the river, immediately to the west of the new cut, but to do so they would have been obliged to trespass on a strip of land belonging to the Grand Trunk Railway Company, and that company declined to permit them to do so, except on condition of the Commissioners building crib work or close piling from the railway bridge to the point from which the stop logs would cross the river, along the front of their property, which would have added \$1,200 to the expense, making the whole amount for the proposed work come to \$5,330. The Commissioners decided not to carry on any further work there at present.

The buoys were all placed out by the 25th of April, and taken up on the 12th December, all except two of the western channel buoys, which were buried 3 or

bet by the encroaching sand, and could not be lifted by the boat. They were, however, got up through the ice on the 6th of January, 1885.

The lights at the Queen's Wharf were lighted on the 7th April and discontinued the 13th of December.

As the lights at the Queen's Wharf are no longer now what they were intended be, range lights, owing to the fact that the entrance to the channel is more to the north than it was formerly, I would recommend the removal of the red light from its present position to the crib to the north of the wharf, which will then bring them in range with the entrance of the channel.

The contractors for the Toronto harbour improvements, Messrs. Cook, Jones & Harris, have completed the greater portion of contract "A," or that portion along the wharf and extending out into the gap.

Contract "B," or that portion commencing at the eastern end of the island and running westward, is also almost completed.

The repairing of the breaks caused by last year's storms to the unprotected piling is finished last summer and made secure.

This year the contractors hope to finish both contracts.

An appropriation was made during the last Session of the Dominion Parliament, orders called for, and I believe awarded, for the erection of a steam fog-horn on Brant Point, which will, when erected, supply a want long felt.

I have to record, with regret, the death of Mr. E. G. Helliwell, who, for the last fourteen years, occupied the position of Deputy Harbour Master. He died on Sunday, 14th December, of typhoid fever. Mr. C. W. Postlethwaite was appointed Deputy Harbour Master in his stead.

All of which is respectfully submitted.

MORGAN BALDWIN,

Harbour Master.

12th January, 1885.

TORONTO HARBOUR WORKS,
TORONTO, 10th January, 1885.

SIR,—I have the honour to report that the quantity of dredging done during the past season has been as follows:—

	Cubic yards.
Brock Street Slip.....	3,098
Yonge do do	1,994
Scott do do	289
Total	5,381

The price was 15½ cents per cubic yard, the same as in 1883, the former contractors, Messrs. Hunter & Murray, having agreed to continue the work at the same rate for which they tendered the previous season.

Some slight repairs were made to the Don breakwater and to the Queen's Wharf.

I would again call the attention of the Trust to the necessity for the construction of the trunk sewer along Front street, as recommended by the late city engineer, F. W. Langley, Esq., and would recommend, as I reported in 1875 and 1881, "The Board to co-operate with the city council for its early construction, thereby avoiding the increasing annual expenditure for dredging at the several slips on the front of the bay."

In connection with the above, the diversion of the water of the River Don into Humber's Bay, by means of crib work and stop logs across the river, through the

new channel recently dredged at the expense of the Trust, in accordance with the recommendations in the report and estimate on the 18th February last, should also be considered.

Should these improvements be made, the annual expenditure for dredging in the slips and the Don channel would be saved, and the pollution of the waters of the bay by sewage, which is now a just cause of general complaint, and consequent unhealthiness, would be avoided.

I have the honour to remain,

Your obedient servant,

KIVAS TULLY,

Engineer.

A. B. LEE, Esq.,
Chairman Toronto Harbour Commissioners,
Toronto.

APPENDIX No. II.

REPORT OF THE HARBOUR COMMISSIONERS OF PICTOU, N.S., FOR THE
CALENDAR YEAR ENDING 31st DECEMBER, 1884.

PICTOU, 22nd January, 1885.

SIR,—I have the honour to enclose account of Harbour Commissioners' receipts and expenditure for the year ending 31st December, 1884.

Also, the Harbour Master's report for past season, which shows a total arrival of 1,530 steamers and sailing vessels, aggregating 264,394 tons, against 1,540 steamers and sailing vessels of 247,605 tons, during 1883.

The Commissioners expect to make some required repairs to both east and west wharves this season.

I have the honour to be, Sir, your obedient servant,

J. A. GORDON,

Chairman of Harbour Commissioners.

WM. SMITH, Esq.,
Deputy Minister of Marine,
Ottawa.

Dr. ACCOUNT OF RECEIPTS AND EXPENDITURE OF HARBOUR COMMISSIONERS TO 31st DECEMBER, 1884. Cr.

1884.		\$	cts.	1884.		\$	cts.	1885.
Jan. 3	To Balance on hand, as per statement...				By Paid Daniel McDonald, account.....	100	00	1,509 51
	Cash from wharfinger				Timber and logs, repairing wharves.....	205	56	100 00
	do collector	308	43		Labour at wharves.....	322	01	75 47
	do Noonan & Davies, wharfage	1,210	00		T. Fraser, Esq., New Glasgow, account.	8	93	2,893 22
	do do	81	00		Bushing West, Middle and East Rivers, and bushes for East River channel...	26	00	4,578 20
	do interest	80	01		Labour teams at wharf.....	12	50	
					Dawson, Gordon & Co., per account.....	147	79	
					Tug "Daisy," setting buoys.....	16	00	
					Sundry small accounts.....	14	87	
					Tug "Daisy," lifting buoys.....	40	00	
					W. Carson, account.....	13	05	
					A. McKarher, account.....	53	01	
					A. A. Garvin, per account.....	149	79	
					Wharfinger's salary.....	200	00	
					Harbour policemen's salaries.....	200	00	
					Secretary's salary.....			
					5 per cent. commission on \$1,509.51.....			
					Balance on hand.....			
Jan. 10	To Balance on hand.....	2,893	22					

E. and O. E.

J. A. GORDON,
*Chairman of Harbour Commissioners.*Sworn to at Pictou before me, this }
10th day of January, 1885. }
WILLIAM ROSS, J.P.

Pictou, N.S., 31st December, 1884.

SIR,—I have the honour to report that the following vessels have entered the Harbour of Pictou during the year ending this date:—

No.		Tonnage.
154	British paddle steamers.....	102,987
119	do screw do	69,019
2	do sailing ships.....	3,161
18	do barques.....	11,366
13	do brigantines.....	2,909
1,183	do schooners.....	49,037
1,489	do	238,389
29	Foreign steamers.....	25,295
12	do sailing vessels.....	710
1,530		264,394

JOHN GUNN,
Harbour Master.

J. A. GORDON, Esq.,
Chairman of Commissioners,
Pictou Harbour.

APPENDIX No. 12.

REPORT OF THE HARBOUR MASTER FOR THE PORT OF HALIFAX, N.S.,
FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.HARBOUR MASTER'S OFFICE,
HALIFAX, N.S., 22ND January, 1885.

SIR,—Enclosed herewith I beg to submit my statement for the year ending 31ST December, 1884, showing the number, rig and tonnage of vessels subject to Harbour Master's dues using this port during the past twelve months.

I have the honour to be, Sir,

Your obedient servant,

E. O'BRYAN,

*Harbour Master.*WM. SMITH, Esq.,
Deputy Minister of Marine,
Ottawa.

Dr. RECEIPTS AND EXPENDITURE of the Harbour Master, Halifax, N.S., from 1st January to 31st December, 1884. Cr.

—	No.	Rig.	Tonnage.	\$ cts.	\$ cts.
To Fees collected from.....	143	Steamers.....	206,254	684 50	
do do do do do do do do do do	3	Ships.....	2,973	15 00	
	75	Barques.....	40,748	267 50	
	19	Barquentines.....	5,261	41 00	
	6	Brigs.....	1,493	12 00	
	105	Brigantines.....	19,085	175 00	
	460	Schooners.....	38,650	486 50	
				1,681 50	
					1,681 50
					By amount reverting to Harbour Master for expenses and remuneration.....
					1,681 50

E. O'BRYAN,
Harbour Master.

Sworn to before me at Halifax, N.S., this }
twenty-second day of January, 1885. }
WM. McKERRON, Notary Public.

APPENDIX No. 13.

REPORT OF THE HARBOUR COMMISSIONERS OF NORTH SYDNEY, C.B.
FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

NORTH SYDNEY, 8th January, 1885.

SIR,—In accordance with the provisions of section 4 of the 42nd Victoria, chapter 30, we have the honor to submit our report for the year 1884.

The following statements contain the usual particulars furnished your Department:—

Coal Export.

The coal shipments from the harbour show a falling off of 8 per cent.
The following are the coal shipments from the port since 1879:—

COAL SHIPMENTS.

Years.	Tons.
1879.....	147,051
1880.....	187,818
1881.....	258,961
1882.....	313,257
1883.....	330,748
1884.....	303,748

Shipping.

The arrivals show an increase of 10 per cent. over that of 1883.

The following include vessels for cargoes orders, and bunker coals.

The arrivals and tonnage for the year ended 31st December, are as follows:—

	No.	Tons.
Steamers.....	392	275,977
Sail.....	1,215	193,212
	<u>1,607</u>	<u>469,189</u>

A large number of the steamers and a number of the sailing vessels that entered at this port also entered at Sydney—having had freight for each place, they both being in the same harbor.

Receipts from Shipping.

There was an increase in the receipts from shipping of \$11.62 over the year 883.

Of the 1,607 vessels reported, only 755, representing 166,850 tons, paid harbour dues.

The receipts and disbursements are as follows :—

RECEIVED.	\$ cts.	PAID.	\$ cts.
From Collector of Customs.....	1,668 50	To A. C. Bertram, for printing.....	10 50
Wharfage.....	76 95	Harbour master.....	400 00
M. J. Phoran.....	55 50	do boat expenses.....	50 00
G. H. Dobson.....	172 50	W. H. Moore & Co.....	111 04
		Alex. Campbell, diver.....	5 00
		Office rent.....	50 00
		Paid labour, ballast.....	1 25
		James Desmond.....	3 10
		M. S. Brown & Co.....	10 00
		Bart. Musgrave, \$2.00; H. R. McKenzie, \$8.60.....	10 00
		Gouthro, for wharf account.....	287 17
		Geo. Murray.....	55 00
		Mosley & Chisholm.....	49 80
		Office fuel, stationery and cleaning.....	10 50
		M. J. Phoran.....	185 50
		Caring for seamen.....	
		Geo. H. Dobson, Secretary.....	420 00
		W. H. Moore, Treasurer, Commissioners.....	87 26
		Interest on loan.....	210 57
		Balance on hand.....	16 76
	1,973 45		1,973 45

We send you copies of the Harbour Master's report, giving comparative statement of the tonnage of the port since 1879, also Mr. Phoran's report of the seamen cleared for.

We have the honour to be, Sir, your obedient servants,

M. J. PHORAN,

W. H. MOORE,

GEO. H. DOBSON.

} *Harbour Commissioners.*

To the Honorable A. W. McLELAN,
Minister of Marine and Fisheries,
Ottawa.

The following is the number of Seamen cared for and assisted on board their respective vessels during the year 1884:—

Dates.	Men put on board Ship.	Names of Vessels.	Dates.	Men put on board Ship.	Names of Vessels.
May 21	2 men.....	Bright. Dawn.	Aug. 23	3 men.....	Bk. Maggie M.
do 14	3 do	S.S. Panther.	Sept. 31	do	Bright. Restless.
do 22	1 do	do Kite.	do 5	2 do	Bk. Lottie.
do 24	5 do	do do	do 6	2 do	Laurie B.
do 28	3 do	do do	do 15	2 do	Fishing schooner.
do 31	1 do	Bright. Rebecca.	do 18	2 do	Bkt. Maggie.
June 22	2 do	Schr. Valentine.	do 19	1 do	Brig Iona.
do 24	2 do	S.S. Vanguard.	do 20	1 do	S.S. Mastiff.
do 25	2 do	Schr. Josephine.	do 21	1 do	Grey Parrot.
July 2	4 do	S.S. Greyhound.	do 24	2 do	Steamer.
do 8	2 do	Schr. Lizzie.	do 24	2 do	Schooner M. R.
do 16	3 do	S.S. Walrus.	do 27	1 do	S.S. Broderick Castle.
do 22	3 do	do Tinto.	do 30	1 do	Schr. Jennie Whitman.
do 25	3 do	Bright. Sea Breeze.	Oct. 5	1 do	S.S. Leopard.
Aug. 12	3 do	do May	Nov. 8	2 do	do Neptune.
do 18	1 do	Schr. Maggie Willard.			

I am pleased to be able to report that there were no serious nor fatal accidents occurred to seamen in this port during the year.

Respectfully submitted,

M. J. PHORAN.

COMPARATIVE Statement of Arrivals of Vessels and Tonnage for Cargo or Orders, and Steamers for Bunker Coals.

Class of Vessels.	1879.		1880.		1881.		1882.		1883.		1884.	
	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.
Ocean steamers.....	41	42,550	197	197,242	253	258,470	174	178,566	217	212,467	271	240,674
Coasting do	105	45,752	43	15,297	55	25,703	128	86,759	178	40,732	121	35,303
Ships.....	8	7,541	13	16,768	9	11,076	5	5,989	11	10,480	11	13,148
Barks.....	13	68,224	124	77,882	136	44,753	110	62,380	105	53,151	159	50,039
Brigantines.....	145	25,358	189	45,524	125	25,854	185	45,969	149	26,186	189	36,597
Schooners.....	717	55,775	607	45,277	439	35,226	498	75,829	826	64,878	856	63,428
Totals.....	1,160	245,220	1,173	297,990	1,017	401,082	1,100	455,492	1,486	417,894	1,607	469,189
Number of seamen each year.....		9,892		12,385		10,147		11,927		14,297		15,730

PORT OF NORTH SYDNEY.

COMPARATIVE STATEMENT showing the dates of the closing and opening of the navigation; also, the first arrival from and departure to sea for the last six years.

Years.	Closing of Navigation.		Opening of Navigation.		Last Departure to Sea.		First Arrival from Sea.	
1879.....	February	16	March	2	January	24	March	3
1880.....	do	4	April	10	do	17	April	13
1881.....	January	23	February	25	do	19	do	1
1882.....	do	27	May	2	do	24	May	2
1883.....	do	19	March	28	do	17	April	1
1884.....	do	16	April	22	do	16	do	27

The harbour buoys were taken up 3rd January, 1884, and put out 22nd May, and again taken up 23rd December, 1884.

Respectfully submitted,

GEO. B. MOFFATT,

Harbour Master.

APPENDIX No. 14.

LE showing the names of Ports proclaimed under the Dominion Acts, 36 Vic., chap. 9, 37 Vic., chap. 34, and 38 Vic., chap. 30, for the appointment of Harbour Masters; the dates of proclamation; the names of the Harbour Masters appointed under the Acts named, and the Acts 35 Vic., chap. 42, and 36 Vic., chaps. 12 and 63; the dates of the appointment of Harbour Masters; the amount which each of their Salaries is not to exceed; the amount of Fees collected by each of them during the Calendar Year ended 31st December, 1884, and the overplus, if any, paid into the credit of the Receiver-General.

PROVINCE OF ONTARIO.

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1884.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to Receiver-General.
				\$ cts.	\$ cts.	\$ cts.	\$ cts.
Angwood.....	3 Mar., 1877	Andrew Lockerbie.....	3 Mar., 1877	200 00	188 50	.....	.....
Rich.....	28 Apr., 1876	Thomas N. Dancey.....	22 Apr., 1876	300 00	123 50	.....	.....
and.....	22 July, 1882	E. Polkinghorn.....	22 July, 1882	200 00	145 00	.....	.....
y Sound.....	24 Mar., 1883	John Galna.....	19 Mar., 1883	200 00	60 50	.....	.....
tanguishene	2 Feb., 1877	Francis Densome.....	3 June, 1881	200 00	13 50	.....	.....
Arthur.....	12 May, 1884	Wm. F. Davidson.....	12 May, 1884	400 00	.....	.....	.....
leau.....	4 May, 1878	Thomas Harrison.....	4 May, 1878	100 00	67 50	.....	.....
hampton....	23 Sept., 1875	W. H. Johnston.....	27 Sept., 1882	100 00	95 00	.....	.....

PROVINCE OF QUEBEC.

erst.....	14 Sept., 1878	John Cassidy.....	2 Sept., 1878	200 00	22 50	.....	.....
eton.....	8 Dec., 1881	Joseph H. Landry.....	8 Dec., 1881	200 00	.....	.....	.....
é.....	25 Sept., 1874	Joseph Eden.....	22 Sept., 1874	500 00	128 00	.....	.....
ne.....	19 Oct., 1877	D. F. St. Aubin.....	12 June, 1880	200 00	29 00	.....	.....
i.....	7 Feb., 1878	P. F. Leggat.....	7 Feb., 1878	200 00	45 00	.....	.....
Richmond..	15 Apr., 1882	Henry Leblanc.....	3 Apr., 1882	200 00	18 50	.....	.....
Bay.....	27 Mar., 1880	Jas. D. Lowerby.....	22 Mar., 1880	200 00	38 50	.....	.....
ebiac.....	12 May, 1877	Hugh Christie.....	22 May, 1877	150 00	43 50	.....	.....
uski.....	5 Mar., 1877	Jos. St. Laurent.....	30 May, 1878	200 00	26 00	.....	.....

TABLE showing the names of Ports proclaimed under the Dominion Acts,
&c.—*Continued.*PROVINCE OF QUEBEC—*Continued.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1884.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to
				\$ cts.	\$ cts.	\$ cts.	\$
Rivière Ouelle ...	22 July, 1882	Achilles Fraser.....	22 July, 1882	100 00	No return.....		
St. Johns.....	} Within the harbour of Montreal. {	Jos. E. Pinsonneault.....	10 May, 1879	500 00	629 00	.....	.....
Sorel.....		Pierre Bellefeuille.....	20 Apr., 1875	300 00	No return.....		

PROVINCE OF NEW BRUNSWICK.

Bathurst.....	30 May, 1873	James Andrew.....	23 Mar., 1881	200 00	142 50	.....	.....
Black's Harbour and Beaver Harbour.....	22 Sept., 1883	E. W. Cross.....	17 Sept., 1883	100 00	18 00	.....	.....
Buctouche.....	30 May, 1873	James Keswick.....	28 May, 1883	100 00	15 50	.....	.....
Campbelltown...	30 May, 1873	William Mott.....	9 July, 1873	200 00	32 00	.....	.....
Campobello.....	30 May, 1873	John Benjamin Beatty.....	7 July, 1873	100 00	24 50	.....	.....
Caraquet.....	30 May, 1873	Louis Poirier.....	17 Apr., 1883	150 00	36 50	.....	.....
Chatham.....	30 May, 1873	Wm. Johnston.....	25 June, 1879	300 00	418 00	.....	118
Cocagne.....	30 May, 1873	John Brooks.....	7 July, 1873	100 00	.....	.....	.....
Dalhousie.....	30 May, 1873	James Moffatt.....	5 Apr., 1883	200 00	76 00	.....	.....
Dorchester.....	30 May, 1873	Joshua King.....	9 July, 1875	200 00	12 50	.....	.....
Fredericton.....	30 May, 1873	Vacant.....	.....	.....	.....	.....	.....
Grand Manan...	18 Sept., 1876	James A. Pettis.....	18 Sept., 1876	100 00	No return.....	.....	.....
Great Shemogue	17 May, 1875	John Avarde.....	10 May, 1875	100 00	Nil.	.....	.....
Harvey.....	30 May, 1873	Harding E. Graves.....	8 July, 1884	100 00	No return.....	.....	.....
Hillsborough....	30 May, 1873	Nehemiah Bennett.....	30 Apr., 1874	150 00	66 00	.....	.....
Ledge of St. Stephens...	30 May, 1873	Charles Young.....	22 Apr., 1876	100 00	8 75	.....	.....
Letete, &c.....	22 Sept., 1883	Jos. Chambers.....	17 Sept., 1883	100 00	12 00	.....	.....
Moncton.....	30 May, 1873	Vacant.....	.....	.....	.....	.....	.....

TABLE showing the names of Ports proclaimed under the Dominion Acts,
&c.—*Continued.*

PROVINCE OF NEW BRUNSWICK—*Concluded.*

Name of Ports.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1884.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to Receiver-General.
				\$ cts.	\$ cts.	\$ cts.	\$ cts.
Quash.....	26 Mar., 1874	Samuel Hayward	26 Mar., 1874	100 00	27 50	.....	.....
Castle	30 May, 1873	John Niven	7 July, 1873	300 00	395 00	.....	95 00
th Joggins ...	30 May, 1873	Vacant.....	.....	.....	.....	.....	.....
t Elgin and ale Verte.....	6 Feb., 1873	Jacob Silliker	6 Feb., 1878	200 00	22 00	.....	.....
emouche.....	7 July, 1883	Vital Lousier	23 June, 1883	100 00	No return.....	.....	.....
ibucto.....	30 May, 1873	James Alexander Jardine..	11 May, 1874	200 00	95 00	.....	.....
kland	30 May, 1873	Vacant.....	.....	.....	.....	.....	.....
kville	30 May, 1873	do .....	.....	.....	.....	.....	.....
Andrews.....	30 May, 1873	John Wren.....	6 May, 1884	100 00	51 50	.....	.....
George.....	30 May, 1873	Alexander Dick.....	29 Aug., 1884	100 00	5 50	.....	.....
Martins and uaco.....	14 May, 1874	Joseph Carson.....	14 May, 1874	100 00	5 00	.....	.....
diac.....	30 May, 1873	Alexander McQueen.....	19 May, 1876	300 00	70 00	.....	.....
pegan	30 May, 1873	John De Grace	10 Aug., 1880	100 00	4 50	.....	.....
cadie.....	7 May, 1874	Vital Arceno	9 July, 1875	100 00	9 00	.....	.....
st Isles.....	4 Feb., 1879	Thos. K. Parker.....	4 Feb., 1879	200 00	No return.....	.....	.....

PROVINCE OF NOVA SCOTIA.

ocate.....	15 May, 1880	Samuel Morris	10 May, 1880	100 00	No return.....	.....
apolis	12 Mar., 1875	William Cummings	16 May, 1879	200 00	48 50	.....
chat	22 Apl., 1879	Francis Marmeau.....	6 May, 1881	200 00	102 28	.....
deck.....	23 Sept., 1875	Stephen Atwater.....	15 Sept., 1875	100 00	No return.....	.....
ington.....	10 July, 1882	Ephraim Newell	1 Apl., 1881	200 00	27 50	.....
field	11 July, 1879	John McDonald.....	11 July, 1879	200 00	4 50	.....
r River.....	25 Sept., 1874	William Fenwick Hennigar	22 Sept., 1874	100 00	36 00	.....
ver Harbour..	24 July, 1880	Leonard Jewers, sen... ..	5 July, 1880	100 00	3 50	.....
River	9 June, 1883	Donald McKenzie.....	28 May, 1883	100 00	No return.....	.....

TABLE showing the names of Ports proclaimed under the Dominion Acts
&c.—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name of Ports.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1884.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to
				\$ cts.	\$ cts.	\$ cts.	\$
Bridgewater	6 May, 1874	Joseph Robins Wyman	6 May, 1874	100 00	70 00	.....	.....
Bras d'Or, including New Campbelltown	6 May, 1874	Francis Dunlap	6 May, 1874	200 00	2 00	.....	.....
Cape Canso	6 June, 1876	William Walsh	6 June, 1876	100 00	35 00	.....	.....
Cape Negro	18 May, 1881	A. D. Perry	18 May, 1881	200 00	No return .....	.....	.....
Chester	8 Sept., 1883	Arch. Evans	4 Aug., 1883	100 00	11 50	.....	.....
Cheticamp	20 Apr., 1876	Fulgence Ancoin	15 Apr., 1876	100 00	No return .....	.....	.....
Clarke's Harbor	1 June, 1881	J. B. Brannen	1 June, 1881	200 00	29 50	.....	.....
Clementsport	1 May, 1877	Thomas Tracey	1 May, 1877	100 00	14 00	.....	.....
County Line to Grand Nar'ws	9 June, 1883	Hugh Campbell	28 May, 1883	100 00	3 00	.....	.....
Cow Bay	3 Mar., 1879	Hector McDonald	3 Mar., 1879	400 00	170 00	.....	.....
Digby	19 Feb., 1878	James A. Hughes	19 Feb., 1878	300 00	41 00	.....	.....
East Bay	25 Aug., 1883	Ronald Gillis	18 Aug., 1883	100 00	Nil.	.....	.....
Gaberoose	3 Mar., 1879	John Hardy	3 Mar., 1879	100 00	3 00	.....	.....
Glasgow and Cape Breton Pier	30 Oct., 1880	Angus McQuarrie	30 Oct., 1880	300 00	292 00	.....	.....
Greville	13 Mar., 1880	James E. Hatfield	5 Mar., 1880	200 00	No return .....	.....	.....
Halifax	No proclamation required by Act	Edward O'Bryan	18 Mar., 1880	1800 00	1681 50	.....	.....
Hantsport	27 June, 1884	Edward Davison	27 June, 1884	200 00	103 50	.....	.....
Ingonish, North Bay of	22 Mar., 1881	William Thompson	24 Mar., 1881	200 00	Nil.	.....	.....
Ingonish, South Bay of	9 Oct., 1884	Thomas Donovan	9 Oct., 1884	100 00	Nil.	.....	.....
International Harbour	30 Oct., 1880	Michael Neville	30 Oct., 1880	300 00	213 50	.....	.....
Jordan Bay	25 Oct., 1876	Matthew Drips McKenzie	25 Oct., 1876	150 00	22 50	.....	.....
La Have	12 Mar., 1875	George Henry Zwicker	25 Feb., 1875	300 00	39 00	.....	.....

TABLE showing the names of Ports proclaimed under the Dominion Acts,
&c.—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1884.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to Receiver-General.
				\$ cts.	\$ cts.	\$ cts.	\$ cts.
Ardoise, Upper and Lower.....	29 Aug., 1884	George Burke	29 Aug., 1884	100 00	Nil.	.....	.....
angan	12 July, 1881	Thomas Laffin	12 July, 1881	200 00	53 50	.....	.....
scombe	18 May, 1881	George Crooks.....	18 May, 1881	200 00	Nil.	.....	.....
ttle Glace Bay	3 Aug., 1874	E. Douglas Rigby.....	8 May, 1884	200 00	164 50	.....	.....
ttle Narrows & Cranberry Pt..	9 June, 1883	Norman Matheson	28 May, 1883	100 00	2 50	.....	.....
verpool	19 Jan., 1877	Wm. A. Kenney	19 Jan., 1877	200 00	140 00	.....	.....
ockeport	18 May, 1881	E. A. Capstick	18 May, 1881	200 00	102 50	.....	.....
ouisburg	17 Mar., 1879	Patrick O'Toole	17 Mar., 1879	200 00	26 00	.....	.....
nenburg.....	3 Dec., 1875	William Henry Begg.....	3 Dec., 1875	150 00	91 50	.....	.....
abou.....	17 July, 1880	Finlay Rankin.....	23 June, 1880	100 00	2 00	.....	.....
McNair's Cove..	12 Mar., 1875	Ronald McEachen	8 Mar., 1875	150 00	No return .....	.....	.....
argaretville....	26 Mar., 1878	Robert Earley	26 Mar., 1878	100 00	No return.....	.....	.....
argaret's Bay	16 July, 1875	Francis Peter Boutillier	9 July, 1875	100 00	32 50	.....	.....
erigomish.....	26 Mar., 1878	W. C. Olding.	26 Mar., 1878	100 00	10 00	.....	.....
eteghan River.	10 Feb., 1883	Urbain Doucette.....	31 Jan., 1883	100 00	25 00	.....	.....
ll's Harbour...	9 June, 1883	A. Hayman.....	28 May, 1883	100 00	No return .....	.....	.....
asquodoboit ...	19 May, 1882	David Williams.	19 May, 1882	100 00	do	.....	.....
il's Harbour...	28 Apl., 1876	Angus Buchanan	11 Apl., 1876	100 00	do	.....	.....
ew Haven.....	9 June, 1883	Francis Payne.....	28 May, 1883	100 00	Nil.	.....	.....
orthport	27 June, 1882	John M. Burns.....	27 June, 1882	100 00	47 50	.....	.....
orthwest Cove, Coleman's Cove and Aspotogan Harbour.....	29 Dec., 1876	William Murphy	29 Dec., 1876	200 00	No return .....	.....	.....
rrsborough....	22 Oct., 1873	Edward Walter Beaty.....	22 Oct., 1873	200 00	145 00	.....	.....
ttite Rivière ..	7 July, 1883	Alex. D. Park	23 June, 1883	100 00	Nil.	.....	.....
aster Harbour.	6 May, 1874	Donald Fraser.....	6 May, 1874	200 00	No return .....	.....	.....
ort George.....	1 May, 1877	Chas. B. Weaver.....	1 May, 1877	150 00	6 00	.....	.....
ort Hawkesb'ry	16 July, 1875	Daniel Henesey	9 July, 1875	200 00	136 00	.....	.....

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1884.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to Receiver-General.
				\$ cts.	\$ cts.	\$ cts.	\$ cts.
Port Hood.....	16 July, 1875	John Murphy, jun	9 July, 1875	200 00	3 50	.....	.....
Port LaTour.....	14 Apl., 1881	Wm. Nickerson.....	14 Apl., 1881	200 00	7 50	.....	.....
Port Mulgrave...	8 Mar., 1876	Duncan Gillis	23 Mar., 1883	200 00	No return .....	.....	.....
Port Medway....	25 June, 1879	John W. Hall	19 Apl., 1884	200 00	do	.....	.....
Pubnico.	27 Sep., 1882	D. Q. Amireau.....	27 Sep., 1882	100 00	32 00	.....	.....
Pugwash.....	22 Oct., 1873	A. A. Stevens.....	22 Oct., 1873	100 00	46 00	.....	.....
Ritcey's Cove....	29 Sep., 1884	Joseph Ritcey.....	29 Sep., 1884	100 00	Nil	.....	.....
River John.	26 Mar., 1878	Henry Heighton.....	29 Oct., 1879	100 00	No return.....	.....	.....
St. Ann's, including Fucher Cove.....	20 Apl., 1881	Peter McLean.....	20 Apl., 1881	200 00	15 00	.....	.....
St. Mary's River.	18 May, 1881	Jas. G. Pride.....	18 May, 1881	200 00	13 50	.....	.....
St. Peters.....	24 Jan., 1881	Peter McNeill.....	17 Sep., 1883	200 00	70 00	.....	.....
Sambro.....	27 Dec., 1879	Joseph Martin.	23 Dec., 1879	200 00	6 00	.....	.....
Sheet Harbour ...	14 May, 1874	Malcolm McFarlane.....	6 Dec., 1883	150 00	79 50	.....	.....
Shelburne	27 Aug., 1877	John A. McGowan, jun. ...	22 Jan., 1880	200 00	87 50	.....	.....
Ship Harbour....	2 June, 1884	Conrad Marks.....	2 June, 1884	100 00	20 00	.....	.....
Smith's Mountain	9 June, 1883	James McGillot.....	28 May, 1883	100 00	No return.....	.....	.....
Tatamagouche...	27 Feb., 1878	Washington Irving.	18 Aug., 1881	200 00	7 00	.....	.....
Tidnish.....	5 July, 1882	Charles Fields.....	30 June, 1884	100 00	8 00	.....	.....
Torbay & Whitehaven.....	18 May, 1881	O. N. Feltmate.....	18 May, 1881	200 00	26 50	.....	.....
Tusket.....	18 Mar., 1875	Forman Hatfield.....	1 Mar., 1875	100 00	2 00	.....	.....
Victoria Pier, Sydney	25 July, 1884	York H. Barrington	25 July, 1884	200 00	13 50	.....	.....
Wallace.	22 Oct., 1873	John H. Macnab.....	26 July, 1882	100 00	No return.....	.....	.....
West Bay.....	8 May, 1884	John McInnes.....	8 May, 1884	100 00	0 50	.....	.....
Whycomah.....	29 Oct., 1875	Neil McKinnon.....	8 Oct., 1875	100 00	4 50	.....	.....
Yarmouth	18 Mar., 1875	Ebenezer Scott.....	19 Oct., 1877	250 00	278 00	29 90	.....

TABLE showing the names of Ports proclaimed under the Dominion Acts,
&c.—Continued.

PROVINCE OF PRINCE EDWARD ISLAND.

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1884.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to Receiver-General.
				\$ cts.	\$ cts.	\$ cts.	\$ cts.
ay Fortune.....	10 Apl., 1875	John R. Coffin.....	29 Apl., 1878	200 00	No return.....		
ape Traverse ...	23 May, 1884	Philip Irving	23 May, 1884	100 00	No return.		
ardigan River, including Cardigan Bridge...	2 July, 1878	Hurcules McDonald	2 July, 1878	200 00	No return.....		
ardigan River, from head of river to north bank Mitchell River.....	2 July, 1878	Allan Campbell	14 June, 1883	200 00	No return.....		
asumpec.....	15 July, 1874	George Wells.....	17 June, 1874	200 00	.....	
ove Head.....	15 May, 1880	Jas. D. McMillan.....	15 May, 1880	100 00	No return		
harlottetown...	15 July, 1874	David Small.....	17 June, 1874	400 00	185 50		
rapaud.....	15 July, 1874	Wesley Myers.....	17 June, 1874	200 00	No return.....		
gmont.....	15 July, 1874	Alexander McArthur.....	17 June, 1884	200 00	No return		
eorgetown ...	15 July, 1874	John Haggart.....	22 Oct., 1877	200 00	63 00		
rand River.....	10 Apr., 1875	Ronald S. McDonald.....	10 Apr., 1875	200 00	1 50		
rand River, down to and including Poplar Point and Chapel Wharf.	10 Apr., 1875	John McMullen.....	16 May, 1879	200 00	No return		
illsborough.....	24 Mar., 1881	John Kelly.....	24 Mar., 1881	200 00	No return		
alpeque.....	10 July, 1874	Edward Larkins.....	15 Aug., 1884	200 00	No return		
iminegash.....	17 Apr., 1880	Richard McElroy.....	12 Apr., 1880	100 00	No return		
ontague Bridge	15 July, 1874	Daniel C. Campbell.....	17 June, 1874	200 00	9 50		
urray Harbour.	15 July, 1874	William Millar.....	17 June, 1874	200 00	8 50		
urray River.....	16 May, 1879	Hugh McKay.....	8 May, 1884	200 00	No return		
ew London.....	15 July, 1874	George Mackenzie.....	17 June, 1874	200 00	No return.....		
orth Pinette...	15 July, 1874	Neil McLeod.....	17 June, 1874	200 00	No return.....		
ort Hill.....	15 July, 1874	James Ellis.....	17 June, 1874	200 00	2 00		
ownal.....	10 July, 1879	A. A. Moore	10 July, 1879	100 00	1 50		
olle Bay.....	10 Apr., 1875	Charles Deagle.....	10 Apr., 1875	200 00	No return		

TABLE showing the names of Ports proclaimed under the Dominion Acts,
&c.—*Continued.*

PROVINCE OF PRINCE EDWARD ISLAND—*Concluded.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1884.	Amount of expenses incurred in repairing & placing buoys, &c.	Amount paid over to
				\$ cts.	\$ cts.	\$ cts.	\$ cts.
Rustico	17 May, 1875	Geo. W. McKay	12 Apr., 1881	200 00	5 50	.....	.....
St. Peter's Bay..	10 Apr., 1875	George Anderson	7 Dec., 1878	200 00	No return .....	.....	.....
Souris East and West	10 Apr., 1875	John McCormack	25 Apr., 1879	200 00	32 50	.....	.....
Summerside	15 July, 1874	Ronald Campbell	17 June, 1874	200 00	No return .....	.....	.....
Tracadie	17 May, 1875	Donald Campbell	31 Jan., 1881	200 00	No return .....	.....	.....
Tryon	12 Apr., 1877	Alexander Howatt	12 Apr., 1877	200 00	No return .....	.....	.....
Vernon River Bridge	19 May, 1874	John Finlay	9 Oct., 1884	200 00	0 50	.....	.....
West River	17 May, 1875	Vacant .....	.....	.....	.....	.....	.....

PROVINCE OF BRITISH COLUMBIA.

Burrard Inlet....	4 Dec., 1876	Isaac Johns	4 Dec., 1876	400 00	256 50	.....	.....
Nanaimo	10 Apr., 1875	E. Quennell	24 Oct., 1884	500 00	478 50	.....	.....
New Westminster	23 Jan., 1880	G. Pettendreigh	12 July, 1881	400 00	68 50	.....	.....
Quadra	17 Apr., 1877	John Kenny	17 Apr., 1877	300 00	No return .....	.....	.....
Victoria and Esquimalt	20 Mar., 1875	W. R. Clarke	23 Mar., 1881	600 00	302 00	.....	.....

WM. SMITH,
Deputy Minister of Marine, &c.

OTTAWA, 1st January, 1885.

APPENDIX No. 15.

REPORT OF THE PILOTAGE AUTHORITY OF MONTREAL, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

MONTREAL, 19th January, 1885.

W. M. SMITH, Esq.,

Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honor to submit herewith, for the information of the Honourable the Minister of Marine and Fisheries, the Annual Report of the Pilotage District of Montreal, for the year ended 31st December, 1884.

There was no increase in the number of apprentices during the year.

The following apprentice pilots having passed successful examinations in March, 1883, received their branches as pilots on 20th February, 1884, in accordance with the harbour by-laws regarding pilotage, viz. :—

Nestor Arcand, John Naud and Joseph Dussault.

There were no deaths among the pilots on the active list, but the following superannuated pilots died during the year, viz. :—F. A. Mayrand, aged 66 years, on 4th January, 1884; Edward Naud, aged 43 years, who had become insane and been placed on the pension list, died on 15th April, 1884, and P. M. Mathieu, aged 63 years, on 10th December, 1884.

The following is a list, giving the name and age, of each Pilot acting in this District under the authority of this Trust, with the earnings of each for the Season of 1884.

No.	Name.	Age.	Earnings.	Remarks.
			\$ cts.	
1	Léveillé, Joseph	67	Superintendent of Pilots.
2	Bouillé, Zephyrin	56	1,264 76	
3	Bélisle, Cyrille	57	486 77	
4	Lisé, Adolphe	55	262 73	
5	Raymond, George	55	713 95	
6	Naud, Augustin	58	1,721 22	
7	Bélisle, Hubert, A.	54	630 48	
8	Dufresne, Athanase	51	919 77	
9	Dorval, J. B.	53	225 66	
10	Bouillé, Louis N.	58	1,000 00	Pilot, steamer "Montreal."
11	Gagnon, Pierre	57	1,069 00	
12	Bélisle, George	45	542 23	
13	Naud, Onésime	44	1,191 49	
14	Hamelin, J. Octave	51	872 86	
15	Chandonnet, Joseph	44	1,704 33	
16	Bouillé, Louis A.	45	1,186 00	
17	Boudet, Prudent	43	1,306 31	
18	Bélisle, Elzéar	50	508 91	Suspended.
19	Plean, Joseph	47	943 95	
20	Brunet, Célestin	42	1,361 97	
21	Bélisle, Louis	39	1,682 87	
22	Caien, Damase	44	245 25	
	Carried forward		19,830 51	

Name and age of each Pilot in this district, &c.—*Continued.*

No.	Name.	Age.	Earnings.	Remarks.
			\$ cts.	
	Brought forward.....		19,830 51	
23	Groleau, Ulric.....	37	531 15	
24	Frenette, Alfred.....	45	686 79	
25	St. Armand, Alfred.....	41	866 35	
26	Bélanger, Philippe.....	46	1,106 21	
27	Gagnon, Victor.....	46	598 50	
28	Perrault, Narcisse.....	47	1,134 06	
29	Toupin, Treflé.....	37	770 36	
30	Auger, Oleophas.....	38	1,204 95	
31	Desjordy, François.....	40	447 05	
32	LaBranche, Ferdinand.....	39	1,188 09	
33	Perrault, David.....	43	1,418 56	
34	Gauthier, Alexis.....	38	1,175 81	
35	Bouillé, Louis Z.....	36	1,167 08	
36	Toupin, Joseph.....	35	916 75	
37	Gauthier, Laurent.....	35	1,237 20	
38	Arcand, Jean.....	32	780 18	
39	Nault, Delovoie.....	33	927 21	
40	Gauthier, Wilbrod.....	33	1,042 47	
41	Mayrand, Louis.....	37	419 11	
42	Dufresne, George.....	36	219 66	
43	Arcand, Norbert.....	32	837 86	
44	Toupin, Uldoric.....	30	618 24	
45	Bouillé, Tancrede.....	31	609 12	
46	Arcand, Nestor.....	29	549 96	
47	Naud, John.....	28	681 56	
48	Dussault, Joseph.....	29	584 79	
			41,549 58	

The foregoing amount was received from the following sources, viz.:—

British.

Steamers.....	\$32,904 99	
Sailing vessels.....	5,903 12	
		<u>\$38,808 11</u>

Foreign.

Steamers.....	\$1,003 60	
Sailing vessels.....	1,737 87	
		<u>2,741 47</u>
		<u><u>\$41,549 58</u></u>

The following list shows the name and age of each Apprentice Pilot serving his time under the authority of this Trust :—

No.	Name.	Age.	Residence.
1	Alphonse Cossette	36	Champlain.
2	Gédéon Groleau	32	Grondines.
3	Néré Bélisle	32	Deschambault.
4	Hubert Perrault	35	Montreal.
5	Audilon Portelance.....	31	Grondines.
6	Leboire Perrault	35	Deschambault.
7	Joseph Hurteau.....	24	Contrecoeur.
8	Wilfred Raymond.....	30	Deschambault.
9	Adolphe Richard	36	Contrecoeur.
10	Joseph Langlois	29	Pointe aux Trembles (<i>en bas</i>).
11	Edouard Perrault	34	Deschambault.
12	Lydoric Bouillé.....	27	do
13	Elie Bouillé	25	do
14	N. Edson Angers	34	do
15	Honoré Dusseau	31	do
16	Narcisse Paquet	30	do
17	J. B. Nadeau.....	26	Lévis.
18	Arthur Brière	27	Portneuf.
19	Aubert Naud	30	Deschambault.
20	J. S. Labranche	28	Portneuf.
21	Alexis Perrault.....	22	Deschambault.

It is satisfactory to be able to state that only two accidents to vessels occurred during the season, into the causes of which it was deemed necessary to hold investigations.

On the 21st October, the ss. "Lake Huron," belonging to the Beaver Line of steamships, while on her way up from Quebec, in charge of Pilot Joseph Chandonnet, grounded at Pointe aux Trembles (*en haut*). She was floated after a short detention, without having sustained any apparent damage.

After hearing the evidence in the case the Commissioners decided that the pilot was not to blame in the matter.

On the following day the ss. "Lake Champlain," of the same line of steamships, while on her way from Montreal to Quebec, in charge of Pilot Louis Bélisle, grounded at the Lavaltrie channel. The vessel was obliged to discharge several hundred tons of her cargo, and was floated on the 26th October, and proceeded to Quebec. She sustained no serious damage.

At the investigation, the pilot admitted that he had made a mistake and had taken the wrong channel. In view of this admission of the pilot, and in consideration of the previous satisfactory performance of his duties, extending over a number of years, the Commissioners decided to suspend him until the 1st July, 1885.

The following is the Tariff of Pilotage now in force in the Pilotage District of Montreal, viz. :—

Quebec to Montreal, or <i>vice versa</i> .	Upwards.	Downwards.
	\$ cts.	\$ cts.
Pilotage of vessels in tow of steamers, for each foot of draft of water	2 00	2 00
do propelled by steam do do	2 50	2 50
do under sail do do	4 20	2 80
Moving a vessel from one wharf to another in the harbour of Montreal, or from foot of the current St. Mary into the harbour	5 00	5 00

The amount received by the Commissioners, as the Pilotage Authorities for this District, was as follows :—

For Poundage, 5 per cent. on the earnings of pilots.....	\$2,077 48
Sundry poundage from Three Rivers, for 1883.....	66 71
Sundry poundage.....	5 05
Interest on investments.....	1,905 00
	<u>\$4,054 24</u>

The disbursements for pensions to old and infirm pilots and widows of pilots were.....	<u>\$3,131 61</u>
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I have the honour to be, Sir,

Your most obedient servant,

H. D. WHITNEY,

Secretary.

APPENDIX No. 16.

REPORT OF THE PILOTAGE AUTHORITY OF QUEBEC FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

QUEBEC, 9th January, 1885.

to the Honorable A. W. McLELAN,
Minister of Marine and Fisheries, &c., &c., &c.,
Ottawa.

SIR,—In compliance with the requirements of section 24 of the "Pilotage Act, 1873," 36 Victoria, chapter 54, I have the honor to submit the following Report of the Quebec Harbour Commissioners, as Pilotage Authority, for the year, 1884:—

This year's operations have commenced the 22nd April by the departure of nine pilots, who were sent, through the Intercolonial Railway, for the purpose of boarding the pilot schooner No. 4, which had been placed in a winter berth on the first station. On the 3rd of May following the schooner No. 5 left with twenty-six pilots, and was followed, on the 7th of same month, by schooner No. 1, with thirty pilots. On the 9th twenty-two pilots were despatched by railway to Rivière du Loup station, and on the 10th forty-three were sent to the same station by the same way.

The service of supplying with pilots the various stations during the season has been, as formerly, performed with satisfaction through the Intercolonial Railway and the pilot schooners.

OLD PILOTS.

The examination of the old pilots under the 36th Section of the "Pilotage Act, 1873," took place on the 2nd day of May. Thirty-six old pilots having attained the age of 65 and over, appeared on that day before the Commissioners, and were all examined, with the view of establishing whether they could be kept on the active list for another year. With the exception of one, Maurice Pepin dit Lachance, of the age of 70, they were all considered fit to be continued in the exercise of their duties, and a new license, for one year, was consequently granted to each of them.

PILOTS SUPERANNUATED.

Five old pilots have been placed on the pension list during the year. They are respectively named as follows: François Vézina, Jean Audet dit Lapointe, Maurice Pepin dit Lachance, Hilaire Jovin and Pierre Pepin. The three first had attained the age of 70, the fourth 68 and the fifth 69.

TRIALS.

Five pilots have been tried during the season on complaints lodged by ship masters.

One of the annexures accompanying the present Report contains all the particulars as to the nature of the complaint and the result of the trial in each case.

The Pilotage Authority are happy to have to state that no complaints have been lodged this year, by the Corporation of Pilots, against pilots for infringement of their regulations.

DEATHS.

Two deaths have occurred this year among the pilots. The deceased names were Edouard Marcoux and Barthélemi Lachance. The first had attained the age of 76 and had been on the active list for the space of fifty years, and the other had attained his 63rd year, and had completed his 41st year of service at the time of his death.

APPRENTICE PILOTS.

Eight apprentices, after undergoing the examination required by law, have been admitted to practise as pilots.

Sixteen apprentices remain on the list, who are entitled to undergo their examination at the expiration of their apprenticeship, under the section 8 of the 45th Victoria, chapter 32, which provides for the reduction of the number of pilots. The two apprentices formerly reported as absent have not yet made their appearance, and it is more than probable that they will never return. The number of apprentices under this statute may consequently be considered as reduced to fourteen. Four of them will have completed their time in 1887, and the ten others in 1888.

The Board of Corporation of Pilots have, on the 9th January, addressed a copy of a resolution adopted by them, requesting the Pilotage Authority to cause the law regarding the apprentice pilots to be amended, so that they will be compelled, for the future, to effect only two voyages to and from Europe, instead of four they are now obliged to make.

This request was referred to a Committee of the Whole of the Pilotage Authority. After a very careful consideration of same, the committee transmitted their report, which was unanimously adopted, and which resulted in the adoption of the following resolution:—

“That the Honorable the Minister of Marine and Fisheries be respectfully requested to cause the section 21 of the 12th Victoria, chapter 114, to be amended so that, for the future, the apprentice pilots will have the option of making two or four voyages to and from Europe or to and from any other ports of the world, from and back to Quebec, of an equal or more distance by sea, and not less; but in case each or any of them would choose to make only two voyages, he be compelled to make them in sailing vessels, both outwards and inwards, from and back to Quebec, and to produce a mate's certificate before undergoing his examination to be admitted as pilot. It being understood that all the restrictions regarding the voyages the apprentices are compelled to make, specified in the section 20 of the by-laws of the Trinity House, in force since the 1st April, 1871, be maintained, inasmuch as same have been enacted to constrain the apprentices to qualify themselves as mariners.”

On the 29th January a communication embodying the foregoing resolution was most respectfully submitted to you, and subsequently a letter was received from your Department, in which it was stated that it would not be advisable to propose any alterations to the law at that time. The Commissioners hope that, when you will be satisfied that it is desirable to amend the 12th Victoria, chapter 114 and the 36th Victoria, chapter 54, you will consider favorably their request, as also the various amendments to the last mentioned statute already recommended by them.

SURVEY OF THE NORTH AND SOUTH CHANNELS OF THE ST. LAWRENCE BY THE APPRENTICE PILOTS.

The most important question of reviving the old practice of sending the apprentice pilots on a survey of the north and south channels of the St. Lawrence, within the pilotage limits, has been *de novo* under consideration this year, and it was decided to make a new attempt, with the view of obtaining the revival of the practice in question.

A copy of the Harbour Master's report on the subject, dated the 11th June, 1878, the same which was annexed to the report to your Department for same year, was

addressed to you, with a respectful request to give your consent to the reviving of said practice, by placing, for that purpose, at the disposal of the Pilotage Authority, one of the Government steamers, at any time of the season when one of them had no work to perform.

The answer received was that it would interfere with the business of the Department to detach a steamer for the purpose referred to, and it was suggested, in the same answer, that one of the schooners belonging to the Corporation of Pilots might be used for that purpose.

The Commissioners are unable to put into effect the suggestion of using one of the pilot schooners for the purpose required, inasmuch as it is impossible to detach a single schooner from the stations, where they have to remain all the season. The process of using a sailing vessel for such a survey would be very slow, and would entail a great loss of time to the officers, who would be obliged to accompany the apprentices, without taking into account the expenses which would have necessarily to be borne by the Corporation of Pilots, the Pilotage Authority having no funds to affect towards such an expenditure.

The Commissioners are therefore convinced that, owing to the great importance of the subject, the Government will reconsider their decision, with the view of placing for the future at the disposal of the Pilotage Authority, for that purpose, one of their steamers, at any time of the season when one of them has no work to perform

COMPLAINTS OF DETENTION OWING TO WANT OF PILOTS.

During July two complaints of detention of vessels at Bic, owing to want of pilots, have been laid before your Department by the firm, Messrs. Anderson, McKenzie & Co., of Montreal, and referred to the Pilotage Authority for report; the first was made on behalf of Captain Kitchim, master of the "James Kitchim," and the other on behalf of Captain Barnard, master of the "Premier McKenzie."

Subsequently the same firm addressed to your Department a communication, which also was referred to the Pilotage Authority, in which, adverting to the two previous complaints, it was represented that one pilot schooner in the vicinity of Bic was not sufficient to meet the requirements of shipping, and that four schooners should be cruising about in that locality, waiting for incoming vessels, and to receive pilots from outgoing vessels.

These matters have been most thoroughly investigated by the Commissioners, and it has been established to their satisfaction that the two first complaints were entirely unfounded.

With reference to the last complaint, although of opinion that three schooners, instead of two at the Bic station, would be more effective when there is a rush of incoming vessels, which, during the last eight years, has not happened more than ten times, the Commissioners are satisfied that the five schooners engaged in the service of the stations are quite sufficient to meet the requirements of the shipping.

There is no doubt that a proper look-out, on their arrival at the Bic station, would lead, without trouble, the ship masters to the nearest pilot schooner on duty.

DIRECTORS OF THE CORPORATION OF PILOTS.

At their last annual meeting, held the 10th December, the pilots have elected as directors to their corporation, for the ensuing year, Messrs. Nestor Lachance, Auguste Couillard Després, Cyprien Langlois, Laurent Godbut, Arbel Bernier and Onézime Noël, and at a meeting of the newly elected directors, held on the following day, Mr. Nestor Lachance was elected president.

The accompanying annexures contain all the information yearly furnished to your Department by the Commissioners in their capacity of Pilotage Authority.

I have the honor to be, Sir,

Your obedient servant,

A. H. VERRET,
Secretary Treasurer.

QUEBEC HARBOUR COMMISSION.

(Annexed to the Quebec Harbour Commissioner's Report as Pilotage Authority for the year 1884.)

STATEMENT of Trials held during the year 1884, before the Quebec Harbour Commissioners, under the authority of the Pilotage Act of 1873, 36 Vic., chap. 54.

Names of Pilots tried.	Nature of Complaints.	Dates of Trials.	Result.
Alfred Larochelle..	For having, on the 10th June, collided the ss. "Lake Champlain" with the Grand Trunk wharf at South Quebec.	16th June....	The complaint was dismissed, on the ground that there was no case against the pilot.
Chas. F. Brown....	For having, on the 11th June, collided the ss. "Delhi" with Davie's dock, at Levis.	30th June....	Found guilty, and suspended for the space of 20 days.
Pierre Lemieux....	For having, on the 11th July, ran ashore, inside of Burstall's wharf, at South Quebec, the barque "Cavalier."	21st July....	Acquitted on the ground that the evidence had established that the pilot was not guilty of the charge lodged against him.
Pierre Pepin.....	For having, on the 13th July, ran ashore, on the N.E. reef of Green Island, the ss. "River Ettrick."	24th July....	The pilot has pleaded guilty and has been suspended for the remainder of the season of navigation, with the understanding that he will be superannuated at the expiration of his suspension.
Narcisse Forgues...	For having, on the 21st August, ran ashore, at or near St. Fabien, the barque "Electric."	4th and 8th September.	Found guilty, and suspended till the 31st day of December.

Certified,

A. H. VERRET,
Secretary Treasurer.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, 9th January, 1885.

APPENDIX No. 17.

REPORT OF THE PILOTAGE AUTHORITY OF ST. JOHN, N.B., FOR THE
CALENDAR YEAR ENDED 31ST DECEMBER, 1884.OFFICE OF PILOT COMMISSIONERS,
DISTRICT OF ST. JOHN, N.B., 7th January, 1885.Wm. SMITH, Esq.,
Deputy Minister of Marine, &c.,
Ottawa.SIR,—Find herewith the returns of vessels entering our harbour, subject to
lotage, for the year 1884.Also, list of pilots licensed for the year, list of pilotage charges and rates of
transportings.

Amounts received and expenditure during the year.

Your most obedient servant,

J. U. THOMAS,
Secretary-Treasurer.

RATES OF PILOTAGE, PORT OF ST. JOHN, N.B., 1884.

Sailing Vessels.

Inward :—1st District.....	\$1.00	per foot draft of water.
2nd do	1.25	do
3rd do	1.50	do
4th do	1.75	do
5th do	2.25	do
Outward :—1st District	1.25	do
Down the Bay when required.....	2.00	do

Steamers.

Inward :—1st District.....	\$1.25	per foot draft of water.
2nd do	1.60	do
3rd do	2.00	do
4th do	2.20	do
5th do	2.80	do
Outward :—1st District	1.60	do
Down the Bay when required	2.50	do

RATES OF TRANSPORTINGS, 1884.

Sailing Vessels.

Under 100 tons.....	\$1 50
Over 100 and under 200 tons	2 00
do 200 do 300 do	3 00
do 300 do 400 do	4 00

25 cents additional for every 50 tons such vessel may measure over 400 tons.

Steamers.

Under 100 tons.....	\$2 00
Over 100 and under 200 tons	2 50
do 200 do 300 do	3 75
do 300 do 400 do	5 00

30 cents additional for every 50 tons such steamer shall measure over 400 tons.

 PILOTS Licensed for the year 1884.

Name.	Age.	Residence.	Name.	Age.	Residence.
Patrick Traynor.....	58	St. John, N.B.	Henry Thomas.....	53	St. John, N.B.
Bartholomew Rogers	27	do	William Millar.....	33	do
Samuel Rutherford.....	52	do	James S. Spears.....	39	do
Charles Daley.....	48	do	Edward J. Fletcher.....	57	do
John Spears, 3rd.....	35	do	Richard Cline.....	59	do
Alfred Cline.....	27	do	James McPartlan.....	50	do
John Sproul.....	48	do	John Scott.....	67	do
Joseph Doherty.....	38	do	William Quinn.....	27	do
James E. Mantell.....	38	do	James Murry.....	43	do
Henry Spears.....	33	do	Martin Spears.....	27	do
James Reid.....	38	do	James Bennett.....	27	do
William Scott.....	28	do	John L. C. Sherward.....	50	do
William Leha.....	55	do	Thomas Traynor.....	31	do
John Thomas.....	26	do	Philip G. Doody.....	44	do
Geo. P. Mulhern.....	36	do	James Cassilely.....	27	do
Patrick Conlin.....	34	do	Richard Scott.....	33	do
Thos. J. Stone.....	31	do	John McAnulty.....	46	Musquash.
Robert Thomas.....	43	do	John Spears, 2nd.....	37	St. John, N.B.
James Doyle.....	47	do			

 RECEIPTS and Expenditure for the year ending this day.
Receipts.

Licenses of 37 pilots.....	\$185 00	
do 6 boats.....	60 00	
		\$ 245 00
25 cents per foot on outward pilotage, Port of St. John.....	\$1,884 64	
25 cents per foot on outward pilotage, Port Musquash.....	17 38	
		1,902 02
Pilotage collected on vessels not paid pilots:—		
Schooner "Union".....	\$23 63	
do "Almeda".....	24 50	
"N. J. Densmore".....	17 37	
"J. C. Nash".....	1 50	
		67 00
		\$2,214 02

Expenditure.

Pensions to 3 pilots.....	\$420 00	
do 6 widows and children.....	512 00	
Assistance, 1 pilot.....	50 00	
Auditors' fees.....	25 00	
J. & A. McMillan, account printing	23 75	
Secretary and Treasurer.....	800 00	
Rent, fuel, stationery, &c.....	200 00	
		<u>2,030 75</u>
Balance.....		<u>\$ 183 27</u>

J. U. THOMAS,
Secretary-Treasurer.

RETURNS of Vessels Piloted into and out of this District, for year ending 31st December, 1884:—

Ships.....	26	
Barks	125	
Brigs.	76	
Schooners.....	266	
Steamers.....	56	
	<u>549</u>	
Total.....		549
Gross amount received.....		\$24,181 09

British.

Ships.....	25	
Barks.....	99	
Brigs.....	71	
Schooners.....	99	
Steamers.....	40	
	<u>334</u>	
Total.....		334
Gross amount received... ..		16,085 26

Foreign.

Ships.....	1	
Barks.....	26	
Brigs.....	5	
Schooners.....	167	
Steamers.....	16	
	<u>215</u>	
Total		215
Gross amount received.....		8,095 83

J. U. THOMAS,
Secretary-Treasurer.

APPENDIX No. 18.

REPORT OF THE PILOTAGE AUTHORITY OF BATHURST, N.B., FOR THE CALENDAR YEAR ENDED 31st
DECEMBER, 1884.

STATEMENT of number of Vessels brought from and taken to Sea by each Pilot, and amount of Fees collected, Season of 1884.

Pilots' Names.	British Vessels Inward.		British Vessels Outward.		Foreign Vessels Inward.		Foreign Vessels Outward.		Total Vessels.	Total amount Fees.	Remarks.
	No.	Amount Fees. \$ cts.	No.	Amount Fees. \$ cts.	No.	Amount Fees. \$ cts.	No.	Amount Fees. \$ cts.			
Timothy Daly	2	33 00	3	47 00	24	370 00	26	489 60	29	\$ 939	Partners.
Wm. H. Daly											
Michael Daly											
Fred. Ronalds	3	44 60	3	47 00	9	125 10	9	170 60	12	387	Partners.
Fabien Hachey											
Nazaire Hachey											
	5	77 60	6	94 00	33	495 10	35	680 20	41	1,326	

EDWARD HICKSON,
Secretary.

APPENDIX No. 19.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF
BUCTOUCHE, N. B., FOR THE CALENDAR YEAR ENDED THE 31st
DECEMBER, 1884.

BUCTOUCHE, N. B., 8th January, 1885.

To WM. SMITH, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—As required by the provisions of the 24th section of the Act 36 Vic., chap. 54, respecting pilotage, I herewith transmit to you the pilotage returns for the District of Buctouche for the year ending 31st December, 1884, and which I hope you will find satisfactory.

I am, Sir, your obedient servant,

JOHN C. ROSS,
Secretary to Buctouche Pilotage Authority.

PILOTAGE RETURNS, DISTRICT OF BUCTOUCHE, PROVINCE OF NEW BRUNSWICK, FOR THE
YEAR 1884, ACT 36 VIC., CHAP. 54, SEC. 24.

1st. Names and ages of pilots licensed:—

	Age.
John S. Dixon.....	51
Caliste Legère	51
Thadée Pellerin.....	48
Matthew Smith.....	45
John G. Smith.....	38

2nd. The above named pilots are all licensed to undertake the pilotage of vessels of every description within and without the Pilotage District of Buctouche.

3rd. Pilotage dues are charged as per section 12 of rules and regulations for the District, viz.: One dollar and fifty cents (\$1.50) per foot draught of water, both inward and outward bound.

4th. Total amount of pilotage dues paid during the year, \$174; of which there was paid by British vessels, \$31.50, and by Foreign vessels, \$142.50, all at the rate of \$1.50 per foot for inward and outward pilotage.

5th. The pilotage dues, as above, were paid to the different pilots, who performed their duties as such to the respective vessels.

6th. No new licenses were granted or expenses incurred during the year by the Pilotage Authority.

JOHN C. ROSS,
Secretary to Buctouche Pilotage Authority.

BUCTOUCHE, N. B., 8th January, 1885.

APPENDIX No. 20.

PILOTAGE RETURNS FOR THE DISTRICT OF THE COUNTY OF CHARLOTTE, PROVINCE OF NEW BRUNSWICK, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

Licensed Pilots acting for the Year.

Name of Pilot.	Age.	For what Service Licensed.		
William Cline.....	74	For the District of the County of Charlotte.		
Wellington Cline.	43	do	do	do
Joseph Boyd.....	49	do	do	do
Thomas Conley....	54	do	do	do

Pilot Boats Licensed.

Sloop "Pilot," 11·80 tons, W. Cline, master.

Schooner "Frank Taylor," 12½ tons, Joseph Boyd, master.

Amount of Pilotage collected by Pilots for the Year 1884.

Pilotage of British vessels, \$676.85; Foreign vessels, \$25; total, \$701.85.

Amount of Receipts by Commissioner.

1 Pilot license issued	\$ 6 00	
2 Pilot boat licenses issued.....	10 00	
Received for registration.....	3 00	
		\$19 00.

Charges.

Stationery and postage	\$ 1 00	
Commissioners, St. Stephen and St. George.....	6 00	
Acting Secretary at St. Andrews.....	12 00	
		\$19 00.

Pilotage Charges on Vessels.

Longest pilotage distance, inward or outward...\$2.25 per foot draft of water.
 Second do do ... 1.60 do do
 Third do do ... 1.50 do do
 From or to Campo Bello, 20c. per foot less than above rates.
 Fourth pilotage distance, inward or outward, \$1.00 per foot draft of water.
 From 1st November to 1st April, 20c. per foot in addition to above rates.
 Harbor pilotage, up to 300 tons, \$2.50; above 300 tons, \$3 each vessel.
 River pilotage, inside St. Andrew's Bay: Each vessel, up to 200 tons, \$4; over 200 and up to 300 tons, \$5; over 300 and up to 400 tons, \$6; over 400 tons, \$8.
 River pilotage, St. Andrew's Bay to any harbor in the county: Vessels 200 tons and under 300 tons, \$6; 300 and under 400 tons, \$8; 400 and under 600 tons, \$10; over 600 tons, \$12 each.

C. E. O. HATHEWAY,

Commissioner and Acting Secretary.

St. ANDREWS, N. B., 31st December, 1884.

CR.

WM. PARK,
Chairman.
R. R. CALL,
Secretary-Treasurer.

NEWCASTLE, MIRAMICHI, N.B., 8th December, 1884.

PILOTAGE RETURNS for the Pilotage District of Miramichi, N.B., for the year ending 31st December, 1884:—

Vessels reported inwards.....	238
British steamers.....	14
Sailing vessels.....	56
	<u>70</u>
Foreign sailing vessels.....	168
Vessels reported outwards.....	<u>234</u>
British steamers.....	13
Sailing vessels.....	53
	<u>66</u>
Foreign sailing vessels.....	168
Vessels removed.....	<u>90</u>
British steamers.....	17
Sailing vessels.....	10
	<u>27</u>
Foreign sailing vessels.....	63
Extra services.....	<u>14</u>
British.....	5
Foreign.....	9
Total amount of pilotage inward.....	<u>\$ 6,731 29</u>
British steamers.....	\$ 697 43
Sailing vessels.....	1,421 67
	<u>\$ 2,119 10</u>
Foreign sailing vessels.....	4,612 19
Total amount of pilotage outward.....	<u>\$ 7,516 05</u>
British steamers.....	\$ 455 63
Sailing vessels.....	1,612 34
	<u>\$ 2,067 97</u>
Foreign sailing vessels.....	5,448 08
Total amount of removals.....	<u>\$ 452 00</u>
British steamers.....	\$ 78 00
Sailing vessels.....	50 00
	<u>\$ 128 00</u>
Foreign sailing vessels.....	324 00
Total amount for extra services.....	<u>\$ 126 00</u>
British.....	\$ 31 00
Foreign.....	95 00

LIST of Pilot Boats Licensed.

Name of Boat.	Tonnage.	Captain.	When first Licensed.	When last Licensed.
May Queen.....	22.50	Geo. Savoy.....	May, 1878.....	May, 1884.
Two Brothers.....	25.	Geo. T. Tait.....	May, 1878.....	May, 1884.
Empress.....	25.59	F. Martin.....	May, 1878.....	May, 1884.
Princess Louise.....	20.85	R. J. Walls.....	May, 1879.....	May, 1884.

WM. PARK, *Chairman.*R. R. CALL, *Secretary-Treasurer.*

WCASTLE, MIRAMICHI, N.B., 8th December, 1884.

PILOTAGE RETURNS for the District of Miramichi, N.B., for the Year 1884.

Names of Pilots.	Age.	For what Service.	Remarks.
Louis Jimmo	30	Full license	
Angus McEacheran.....	65	do	
Mitchell Martin.....	55	do	
Francis Martin.....	50	do	
Maxime Martin.....	39	do	
Angus McLean.....	51	do	
Alexander Wilson.....	38	do	
Robert J. Walls.....	33	do	
George Savoy.....	40	do	
Reuben Nowlan.....	40	do	
John McEacheran.....	34	do	
Charles McLean.....	45	do	
John Brown.....	73	do	
Oliver Foster.....	43	do	
William Walls.....	30	do	
William Tait.....	61	do	Pilot Master.
Allan McEacheran.....	50	do	
John McCallum.....	32	do	Suspended 2 months, from 11th June to 11th August, 1884.
James Nowlan	33	do	
Dudley P. Walls	38	do	
George Sutton.....	33	do	
James A. Nowlan.....	29	do	
George T. Tait.....	27	do	
Joseph Jimmo, jun.....	29	do	
James McCallum.....	40	do	
Allan McEacheran, jun..	25	do	
John Martin.....	25	do	
Asa Walls.....	25	do	
William Walls, jun.....	27	do	
John Nowlan.....	28	do	
Patrick Nowlan.....	25	do	

es of Pilotage chargeable at Miramichi, N.B., on all vessels, British or Foreign.

When inward bound..... \$2 25 per foot.

And for all vessels propelled wholly or in part by steam, in addition to above,
nts per registered ton.

When outward bound :—

Drawing less than 17 feet.....	\$1 75 per foot.
Drawing 17 feet and over.....	2 00 do

For every vessel taken to sea after 1st November, a bonus of \$4.00.

For the removal and mooring of any vessel—

\$1 50 for vessels not exceeding 100 tons ;

2 00 do do 200 do

3 00 do do 300 do

4 00 for vessels over 300 tons ;

and where the distance of removal exceeds four miles, 50 per cent. to be added to above rates.

WM. PARK, *Chairman.*

R. R. CALL, *Secretary-Treasurer.*

NEWCASTLE, MIRAMICHI, N.B., 8th December, 1884.

APPENDIX No 22.

REPORT OF THE HALIFAX PILOTAGE COMMISSIONERS FOR THE
CALENDAR YEAR ENDED 31st DECEMBER, 1884.

HALIFAX, 31st December, 1884.

RETURN of Vessels entered Inwards at the Port of Halifax, N.S., from 1st January to
31st December, 1884, subject to compulsory Pilotage Dues.

BRITISH.

Booner.	Brigantine.	Brig.	Barque.	Ship.	Steamer.	Tonnage.	Amount of Pilotage Dues.
							\$ cts.
136	150	2	30	1	260	437,114	8,805 85

FOREIGN.

Booner.	Brigantine.	Brig.	Barque.	Ship.	Steamer.	Tonnage.	Amount of Pilotage Dues.
							\$ cts.
8	5	4	54	2	126	152,634	2,670 00
144	155	6	84	3	386	589,748	11,475 85

RETURN of Vessels entered Outwards at the Port of Halifax, N.S., from 1st January
to 31st December, 1884, subject to compulsory Pilotage Dues.

BRITISH.

Booner.	Brigantine.	Brig.	Barque.	Ship.	Steamer.	Tonnage.	Amount of Pilotage Dues.
							\$ cts.
9	24	1	39	1	280	431,203	4,340 78

FOREIGN.

Booner.	Brigantine.	Brig.	Barque.	Ship.	Steamer.	Tonnage.	Amount of Pilotage Dues.
							\$ cts.
.....	4	5	58	2	122	144,703	1,548 63
9	28	6	97	3	402	575,906	5,889 41

STATEMENT of Receipts and Expenditure for the Year ending 1884.

RECEIPTS.		\$	c
Cash on hand 1st January, 1884.....		980	2
Amount at credit Pilotage Fund in Savings Bank		1,828	8
5 per cent. commission on pilotage collected.....		863	3
Outward pilotage on ships having no pilots.....		899	9
License fees, bonds, &c.....		241	1
		4,811	
Surplus at credit of Pilotage Fund.....		2,835	
EXPENDITURE.			
Amount paid Commissioners for 1883.....		950	
do Auditors for 1883.....		30	
Secretary's salary and office rent for 1884		700	
Printing, stationery, &c., for 1884		257	
Paid funeral expenses, &c., late Pilot Simmons.....		38	
Surplus at credit of Pilotage Fund.....		2,835	
		4,811	

E. & O. E.

STATEMENT of Superannuation Fund.

	\$	c
Cash in Savings Bank, 1st January, 1884.....	2,133	
Collected during 1884, and interest.....	419	
	2,552	
LESS.		
Paid family of late Pilot Smith	\$ 60	00
do Nickerson.....	37	50
do Simmons.....	20	00
	117	
Balance at credit in Savings Bank	2,435	

E. & O. E.

FRED. D. CORBETT,
Secretary-Treasurer.

APPENDIX No. 23.

REPORT OF THE PILOTAGE AUTHORITY OF LOUISBURG, C.B., FOR
THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

LOUISBURG, C.B., 2nd January, 1885.

To WM. SMITH, Esq.,
Deputy Minister of Marine,
Ottawa.

The Pilotage Authority for the District of Louisburg have the honour to submit the following report for the year 1884.

There have been no changes made in the pilots, and pilotage rates are the same as heretofore.

I regret having to inform you that only two vessels paid pilotage dues in this port during the year.

The falling off is owing to the fact that the Sydney & Louisburg Coal and Railway Co. have ceased to ship coals from this port.

I have the honour to remain,

Your obedient servant,

P. O'TOOLE,

Chairman, P. Board.

APPENDIX No. 24.

REPORT OF THE PILOTAGE AUTHORITY OF PICTOU, N.S., FOR THE
CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

To WM. SMITH, Esq.,
Deputy Minister of Marine,
Ottawa.

SIR,—I have the honour herewith to submit to you the Pilotage Returns for this District, for the year ending 31st December, 1884.

I am, Sir, your obedient servant,

WM. H. NOONAN,

Sec'y. Pilotage Commissioners.

PILOTAGE RETURNS for the District of Pictou, N.S., for the year ending 31st December, 1884, as required by sec. 24, chap. 54, 36 Vic., entitled, "An Act respecting Pilotage."

LICENSED PILOTS.

No.	Names.	Residence.	Age.
1	Alex. T. Powell	Boat Harbour	66 years.
2	James Fraser.....	do	53 do
3	Bryan Rodgers	Pictou	49 do
4	Wm. A. Cooke	do	46 do
5	A. McDonald.....	do	45 do
6	H. H. Powell.....	Boat Harbour	38 do
7	Chas. A. Cooke.....	Pictou	39 do
8	Geo. W. Powell	do	33 do
9	Danl. S. Smith.....	do	33 do
10	Jno. R. Powell.....	Boat Harbour.....	36 do
11	Wm. Munro	Pictou	54 do
12	Danl. McLeod.....	do	43 do
13	R. McDonald.....	do	58 do

Certificated Masters.

Amable Bacquet, steamship "Miramichi."

Certificated Mates.

None.

Services for which Pilots were licensed.

To undertake the pilotage of vessels of every description, within and throughout the Pilotage District of Pictou.

RECEIPTS and EXPENDITURE of all money received by, or in behalf of the Pilotage Authority in respect of pilots or pilotage.

Receipts.

Received from 13 pilots for annual bonds.....	\$ 13 00
do from Capt. Graham, special license....	5 00
do pilotage dues, as per statement.....	4,447 67
Balance on hand from last year.....	181 27
	<u>\$4,646 94</u>

Expenditure.

Paid Pilots for pilotage.....	\$4,200 17
Printing account books, certificate books, forms.....	9 75
Secretary's salary.....	150 00
Commissioners attending meetings.....	50 00
Robert Powell, superannuation grant.....	30 00
Stationery and postage.....	4 50
Balance on hand	202 52
	<u>\$4,646 94</u>

J. A. GORDON,
A. J. PATTERSON,
H. McKENZIE,
JOHN R. DAVIES,
JAMES D. McGREGOR,

Pilotage Authority, Port of Pictou, N.S.

Pilotage dues for the time being in force, are as follows:—

	Inward.	Outward.
Vessels of 80 and under 150.....	\$ 6 00	\$ 4 00
do 150 do 300.....	10 00	6 00
do 300 do 400.....	12 00	8 00
do 400 do 500.....	14 00	9 00
do 500 do 600.....	15 00	10 00
do 600 do 800.....	16 00	11 00
do 800 do 1,000.....	17 00	12 00
do 1,000 and upwards, 2c. per ton inward, and 1½c. outward.		

And all vessels under 80 tons, 5 cts. per ton inward, and 4 cts. per ton outward.

All steamers to be rated at net tonnage.

All vessels over 80 tons, bound inward, not requiring the services of a pilot, shall pay half pilotage to any pilot offering his services.

All vessels over 150 tons, bound outward, and not requiring the services of a pilot, shall pay half pilotage to the Pilotage Fund.

Total amount received for pilotage dues.....\$4,452 67

this amount—

Received from British ships	\$3,944 67
do Foreign ships	508 00
	<u>\$4,452 67</u>

this amount—

Received from sailing ships.....	\$1,015 41
do steamships	3,437 26
	<u>\$4,452 67</u>

APPENDIX No. 25.

REPORT OF THE PILOTAGE DISTRICT OF YALE AND NEW WESTMINSTER, FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

Burrard Inlet, B.C., 9th February, 1885.

To Wm. Smith, Esq.,
Deputy Minister of Marine,
Ottawa.

Sir,—I have the honour to transmit herewith pilotage returns for the Pilotage District of Yale and New Westminster, for the year ended 31st December, 1884.

I have the honour to be,

Yours, &c.,

B. SPRINGER,

Secretary.

Yale and New Westminster Pilotage District—Licensed Pilots.

No. of License.	Name of Pilot.	Age.	Service.
1	James Ramsay.....	54	} Licensed to pilot vessels of every description within the limit of the district.
3	William Ettershank.....	42	
4	James Christensen.....	44	
6	Angus McAlister.....	40	
7	Robert Sharp.....	30	
9	Wm. Thompson.....	35	

Pilotage dues now in force are the same as were approved by Order in Council 26th July, 1879.

Pilotage collected during the year as follows:—

At the port of Burrard Inlet, from British vessels.....	\$ 3,343 00
do do Foreign do	1,610 00
	<u>\$ 4,953 00</u>
At the port of New Westminster from Foreign steamers.	159 00
Total.....	<u>\$ 5,112 00</u>

RECEIPTS and Expenditure of all money received by or on behalf of the Pilotage Authority in respect of Pilots or Pilotage.

1884.	RECEIPTS.	\$ cts.		\$ cts.	
	Balance on hand from last year.....	531	12		
	License.....		20 00		
	Pilotage dues.....	5,112	00		
	EXPENDITURES.				
	Paid Pilots as per receipts.....			4,600	80
	do Secretary.....			300	00
	do For collecting.....			55	00
	do Commissioners' expenses.....			15	50
	do Printing and stationery.....			12	00
	do Telegrams and postage.....			4	00
	do Balance on hand.....			675	82
		5,663	12	5,663	12

RICHARD ALEXANDER,
Chairman.

B. SPRINGER.
Secretary.

BURRARD INLET, B.C., 31st December, 1884.

APPENDIX No. 26.

REPORT OF THE PILOTAGE AUTHORITY OF VICTORIA AND ESQUIMALT FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

VICTORIA, 6th January, 1885.

WILLIAM SMITH, Esq.,
Deputy Minister of Marine,
Ottawa.

SIR,—I have the honor to transmit herewith the Pilotage Returns for the District of Victoria and Esquimalt, B.C., for the year ending 31st December, 1884, as required by the Act 36 Vic., chap. 54, sec. 24, and trust that they will reach you in good season to be embodied in the supplement to the annual report, and also that the Honorable the Minister may be pleased, this year, to publish them in full as they are useful, for reference, to many persons.

I have the honor to be, Sir,

Your obedient servant,

EDGAR CROW BAKER,

Secretary-Treasurer.

PILOTAGE RETURNS, Victoria and Esquimalt, B.C., 1st January to the 31st December, 1884.

LICENSED PILOTS.

No.	Name.	Age.	Date of Issue.	Seniority.	Remarks.
1	James McIntosh	56	April 23,'80	Jan. 9,'73	Active list, B.C., Pilot.
2	James Ramsay	54	do 23,'80	June 9,'73	do
3	William Scott	45	do 23,'80	March 8,'76	do
4	James Christensen	44	do 23,'80	July 7,'76	do
5	William Ettershank	42	do 23,'80	June 21,'77	do
6	John Thompson	35	do 23,'80	Dec. 4,'78	do
7	James Gaudin	43	Feb. 1,'84	Jan. 3,'84	Victoria and Esquimalt.
7	Angus McAlister	39	Mar. 23,'84	March 28,'84	do Burrard Inlet.
9	George Rudlin	50	Not issued...	do 8,'76	Commanding "R. P. Rithet."
10	Donald Urquhart	37	April 23,'80	Feb. 5,'79	do "Alexander."
11	Peter Holmes	63	Not issued...	June 8,'78	do "Western Slope."

Vide 36 Victoria, Chapter 54, Section 24, and Sub-sections .

LIST OF CERTIFICATED MASTERS AND MATES.

No.	Name.	Date.	Vessel.	Limits.
1	James A. Gardiner.....	April 23, '81	Otter	Victoria to Fort Simpson.
2	William Meyer	do 23, '81	Louise	do Wrangle and North Ports
3	Thomas F. Wilson	Aug. 4, '81	Isabel	do Puget Sound.
4	Thomas Pamphlet	Sept. 27, '81	Bonanza.....	do Nanaimo & Burrard Inlet.
5	George Luckey.....	Dec. 15, '81	Diamond	do and Way Ports.
6	William Johnson	May 4, '82	Etta White	Navigable waters of District.
7	John Cavin	Aug. 6, '83	Pilot	do
8	Robert Sharpe	do 6, '83	Louise	do
9	James Gaudin	Jan. 3, '84	Sardonyx	do

Clause 1.—Name and age of each and every Pilot, Master and Mate are given in foregoing tabulated forms, no others are certificated or authorized to act by this Pilotage Authority in any such capacity; no acting Pilots or apprentices employed in this District.

Clause 2.—The service for which each Pilot, Master or Mate is licensed or certificated is the same as described at page 317, of Supplement No. 1, to the 14th annual report of the Department, to 31st December, 1881.

Clause 3.—The pilotage dues for the time being in force are the same as printed at page 317, of Supplement No. 1, to the 13th annual report of the Department, to 31st December, 1880. No changes whatever have been made in by-laws since then.

LIST OF EXEMPTED VESSELS—STEAMERS.

No.	Name.	Rig.	Master.	Tonnage.	Route.
1	Enterprise.....	Sloop	Robert Sharpe.....	442	Victoria and New Westminster.
2	Maude.....	do	Peter Holmes	158	East Coast Mail Service.
3	Etta White	do	Henry Smith	97	Mill and Tug Service.
4	Cariboo-Fly	do	William Johnson	138	Unemployed and dismantled.
5	Wilson G. Hunt	do	James Gardiner	172	Unemployed
6	Pilot	do	John Cavin	183	General Towing Service.
7	Beaver	Schooner	John Jagers	109	Unemployed.
8	Alexander	do	Donald Urquhart.....	331	General Towing Service.
9	Western Slope.....	Sloop	Peter Holmes	250	Victoria and Fraser River.
0	Princess Louise	Schooner	William Meyer	498	General service of C. P. N. Co.
1	Woodside	Sloop	Michael Muir	51	Victoria and Sooke.
2	Barbara Boscowitz...	3 m. schooner.	James D. Warren	239	Victoria to Skeena River.
3	Spratt's Ark.....	Cannery	Joseph Spratt	419	Fishing in inlets and rivers.
4	Yosemite	Sloop	John Irving	1525	Victoria and New Westminster.
5	Amelia	do	Wm. McCulloch	431	do East Coast.

All the foregoing vessels are exempt under the Act 40 Vic., chap. 20 (trading from port to port in the same Province, and being propelled wholly or in part by steam); all other vessels pay the annual fees prescribed in the by-laws of 1880.

Victoria and Esquimalt, Clause 4, Pilotage collected, 1st January, 1884, to 31st December, 1884.

Month.	British.	Foreign.	Total.	Remarks.
	\$ cts.	\$ cts.	\$ cts.	
January.....	51 00	584 50	635 50	N.B.—The total of \$10,145.36 includes special services to Nanaimo, Puget Sound, Straits, Pilotage, &c. E. O. B.
February.....	31 50	649 50	681 00	
March.....	101 87	472 25	574 12	
April.....	138 50	852 87	991 37	
May.....	30 00	875 25	905 25	
June.....	283 25	592 00	875 25	
July.....	101 50	620 75	722 25	
August.....	463 50	838 25	1,301 75	
September.....	164 25	535 75	700 00	
October.....	122 25	997 75	1,120 00	
November.....	.....	749 00	749 00
December.....	360 00	529 87	889 87	
	1,847 62	8,297 74	10,145 36	

Date.	Nature of Receipt.	Amount.	Date.	Head of Service.	Amount.
Jan. 1 to Dec. 31	To Balance from last year	\$ cts.	1884.	By Office expenses	345 55
do ..	Pilotage collected (Clause 4)	19 76	Jan. 1 to Dec. 31	Secretary-Treasurer	711 15
do ..	Certificate fees	10,145 36	do ..	Expenses of investigations	180 00
do ..	Examination fees	400 00	do ..	Expenses of examinations	40 00
do ..	License fees	75 00	do ..	Expenses of surveys	20 00
do ..	Survey fees	20 00	do ..	Pilots' earnings	9,105 36
			do ..	Refunds and forfeitures	89 62
			do ..	Suspense account "W. F. Munroe"	12 60
			December 31...	Balance to credit of Pilotage Authority	155 84
		10,700 12			10,700 12

Approved and certified correct.

RODERICK FINLAYSON, }
 W. R. CLARKE, } *Commissioners.*
 R. P. RITHET,

VICTORIA, B.C., 6th January, 1885.

EDGAR CROW BAKER,
Secretary-Treasurer.

APPENDIX No. 27

REPORT OF THE PORT WARDEN FOR THE PORT OF MONTREAL, FOR
THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.OFFICE OF THE PORT WARDEN,
MONTREAL, 31st December, 1884.*To the President and Council of the Board of Trade, Montreal.*

GENTLEMEN,—In accordance with the Act 45 Vic., chap. 45, sec. 31, I have the honour to submit this my Annual Report of the affairs of the office for the present year, accompanied by financial statement showing receipts and expenditure during that period.

Navigation opened this year about the usual time; the ice moved out of the harbour on the 18th April, and on the 22nd the river and coasting craft began to arrive from winter quarters at Boucherville. On the 27th April the ice jam at Cap Rouge gave way, and on the following day we had clear water from here to sea.

The first arrival from sea was the Beaver Line steamship "Lake Champlain," from Liverpool. She came into port on the 2nd May, and was followed later in the day by the Allan mail steamship "Peruvian."

The early arrivals met with some ice in the Gulf, but some of the ships that arrived later saw very little, and others saw none.

By the 8th of May we had quite a large number of ocean steamships in port, and the business of the harbour was in vigorous operation.

The first sailing ship to arrive was the barque "Venus," from London. She came into port on the 11th of May.

The steamship "Titania," of the Donaldson Line, which arrived here from Glasgow on the 21st June, was the first vessel to pass through the Straits of Belle Isle this season, which she did on the 17th June. She saw no field ice, but passed a great many icebergs, some of them of great size. She was not delayed by them.

The Allan steamship "Norwegian," for Glasgow, was the last sea going ship to depart this season. She left port on the 21st November. At that time there was no ice in the harbour.

The water in the river has kept well up this year. There was depth enough for the largest of our ships. Lighterage of cargoes to Quebec may now be considered a thing of the past.

The steamship "Brooklyn" left port on the 3rd of July for Liverpool, drawing 26 feet 1 inch. I believe this is the deepest draft that ever left Montreal.

On the 14th August last the Allan steamship "Norwegian," for London, left port, drawing 25 feet 6 inches. This is unprecedented at that time of the year, when the water in the river is considered to be lowest.

There is a very slight difference in the number of sea-going ships and amount of tonnage which arrived at this port this year and last.

Three hundred and twenty-two ships were entered at this office this year, with an aggregate of 488,753 tons, against 335 ships, measuring 489,741 tons, in 1883. Of the 322 ships, 242 were steamers; of 433,806 tons, being an average of 1,792 tons each, and 80 were sailing ships, of 44,947 tons, making the average of each sailing ship 562 tons. These figures do not include vessels from Newfoundland and places within the Dominion, as such vessels do not come under the jurisdiction of this office.

On the 17th of August the steamship "Silksworth," loaded with a cargo for Liverpool, left port without having received from this office a certificate of seaworthiness. Immediate steps were taken, according to law, to prevent her proceeding to sea, until the master accounted to the proper authorities for his illegal conduct. The ship was stopped at Quebec by the officials of the Government. She was detained there three days, pending the decision of the case by those in authority. She was ultimately allowed to go to sea, on payment of the expenses incurred in her arrest and detention at Quebec, without the infliction of the fine imposed by the Act of Parliament relating thereto.

The import trade of the port has not been quite up to last year in volume, except in the article of sugar, which has been largely in excess of previous years. Thirty-four thousand seven hundred and seven tons of shipping have been employed in bringing sugar from Java, Brazil, the West Indies and other places of growth, this year, against 18,960 tons thus employed in 1883, and 21,636 tons in 1882.

In exports a fair business has been done, for although the export of grain has fallen off in quantity this year, nearly 2,500,000 bushels, as compared with last year, has been made up by an increase in other exports, such as flour, phosphates, bacon, cheese, deals and other things, flour being largely in excess. The total quantity of grain shipped this year was 7,421,152 bushels, against 9,781,001 bushels last year, and 8,293,830 in 1882; 446,480 barrels of flour were shipped this year, against 4,353 barrels in 1883, being an increase of 152,127 barrels.

The shipment of deals to Great Britain has been in excess of previous years—5,559, St. Petersburg standards, equal to 52,587,205 feet board measure, were shipped, against 23,094 standards last year, and 22,467 in 1882.

Lumber shipments to South America were also in excess of previous years, giving employment to a large amount of tonnage; 24,385,378 feet were shipped from the Hochelaga wharves this year, being an increase of about 20 per cent. over 1883.

The phosphate shipments show a steadily increasing business. The total shipments this year were 20,461 tons, against 17,160 tons last year, 15,556 tons in 1882, and 7,500 tons in 1880, or an increase of nearly 300 per cent. in four years.

Every year shows how steadily and surely steamers are supplanting sailing vessels in the deal and phosphate carrying trades, as well as in the carriage of grain, while to South America steamers have not yet ventured into the lumber carrying trade, but I predict that ere long steamers will be found competing with sailing vessels for this trade also.

The cattle export trade goes on steadily increasing year by year, although there is not so many sheep exported this year as last; 55,643 head of cattle and 63,143 sheep were shipped this year, against 50,345 head of cattle and 102,347 sheep last year, and 28,491 head of cattle and 64,590 sheep in 1882.

Other articles of export require no special notice.

So far as I know, there are no missing ships from this port this year, or ships detained by being overloaded or from shifting of cargo.

I have been ably assisted by the members of my staff, all of whom have rendered good service, and with their aid the public requirements have been fully met.

I am, Gentlemen,

Your obedient servant,

DAVID ROSS KERR,

Port Warden.

PORT WARDEN'S OFFICE.

DR. STATEMENT of Cash Account for Year ending 31st December, 1884. CR.

RECEIPTS.	\$	cts.	EXPENDITURE.	\$	cts.
To Receipts derived as under—			By Paid D. Ross Kerr, Port Warden,		
3,491,977 bushels wheat.....			12 months' salary	2,000	0
1,475,124 do peas.....			Jas. G. Shaw, Deputy Port Warden.		
2,074,277 do Indian corn.....			12 months' salary.....	1,500	0
220,668 do oats.....			G. W. Morrison, Dep. Port Warden,		
159,106 do barley.....			12 months' salary.....	1,300	0
446,480 barrels flour and meal.....	336	41	W. J. Anderson, Book-keeper, 12		
5,370 do ashes.....	107	40	months' salary.....	1,000	0
87,043 do apples.....	277	99	R. M. Shaw, Book-keeper, 2½ months'		
64,895 tons unenumerated.....	3,893	70	salary.....	162	5
43 do hops.....	0	87	M. M. Baird, Clerk, 8 months' salary	207	0
1,378 do dead meat.....	27	56	Rent of office.....	450	0
246 do minerals.....	4	92	Books, stationery, &c.....	131	0
1,241 do oil cake.....	37	23	Cab hire.....	64	3
20,747 do phosphates.....	207	47	Sundries.....	114	2
547 do sundries.....	26	58	Fuel and light account.....	98	3
56,664 oxen and horses.....	850	70	Alf W. Hadrill, Auditor.....	40	0
63,143 sheep and hogs,	157	91	Superannuation fund.....	200	0
23,368 St. Pet'g. standard deals.	467	24	Secretarial expenses.....	1,000	0
22,987,265 feet sawn lumber.....	157	33			
Damaged cargo certificates.....	348	50		8,267	4
Special surveys.....	220	00		689	5
Port Warden's Fees—Inwards.....	277	50	Balance, cash accrued during 1884...		
do do Outwards.....	1,647	50			
Total during 1884.....	8,986	81			
Fees outstanding 1883.....	11	34			
	8,993	15			
Less—Fees now outstanding...	85	16			
	8,912	99			
Interest on bank account.....	44	05			
	8,957	04			
					8,957 0

DAVID ROSS KERR,
Port Warden.

Examined and found correct.

ALF. W. HADRILL,
Auditor.

A true copy certified by

WM. J. PATTERSON,
Secretary, Montreal Board of Trade.

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MEMORANDUM OF PORT WARDEN SUPERANNUATION FUND.

Cash in City and District Savings Bank, 31st Dec., 1883..
Annual contribution from Port Warden Office, 31st Dec.,
Interest on bank deposit for 12 months, at 3 per cent. ...

WM. J. PATTERSON,
Secretary.

APPENDIX No. 28.

REPORT OF THE PORT WARDEN OF THE PORT OF QUEBEC FOR THE
CALENDAR YEAR ENDED 31st DECEMBER, 1884.PORT WARDEN'S OFFICE,
QUEBEC, 31st December, 1884.To WM. SMITH, Esq.,
Deputy Minister of Marine, Ottawa.

SIR,—I have the honor to submit this my Annual Report of the affairs of the office during the year ending the 31st December, 1884.

The following enumerated class of vessels have been examined and surveyed the harbour and in the port of Quebec, and in compliance with the Acts relating to the Port Wardens of Montreal and Quebec, established in 1871 and 1873:—

Six steamships, inwards, with general cargoes, have been surveyed, in compliance with the 8th section of the said Act.

One hundred and four steamships, outwards, with general cargoes, have been surveyed, in compliance with the amended Act of 1873.

Fifteen sailing vessels, inwards, with general cargoes, have been surveyed in compliance with the 8th section of the said Act.

One sailing vessel, with outward cargo, has cleared.

Fifteen lots of merchandise and goods and wrecked materials surveyed and sold in compliance with the 16th and 18th sections of the said Act.

Thirteen vessels, under general average, estimate and valuation, in compliance with the 15th section of the said Act.

Three sales of vessels examined, condemned and sold as wrecks, materials saved and brought to Quebec and sold on account of underwriters and others concerned and in compliance with the 16th section of the said Act.

Twenty-two copies of reports issued, as per section 21 of the said Act.

Forty-seven vessels of all classes examined and surveyed on account of stranding, collision, &c., and in compliance with section 10 of the Act.

On the 28th of August, 1884, Capt. Munch, master of the Norwegian bark "Aurora," applied to the Council of the Board of Trade to examine into and report on the certificate granted on the above named barque "Aurora," dated 25th August 1884; also the declaration of François Xavier Paré, diver, of this city.

And on the 29th, at eleven o'clock a.m., attended the meeting convened in the Council Chamber of the Quebec Board of Trade, there to take into consideration the complaint of the above named J. Munch, as under certified by the annexed letter certified by F. H. Andrews, Secretary.

"We the undersigned President and Councillors of the Quebec Board of Trade do hereby certify that, at a meeting of the Council of the said Board, held this day at your request, to consider a decision of the Port Warden of Quebec, rendered and contained in his certificate *re* barque 'Aurora,' dated Quebec, 25th August, 1884, the said certificate, and also a declaration of François Xavier Paré, diver and salvor, were duly laid before the Council for its consideration, and it was resolved that the certificate of the Port Warden be approved of and confirmed, and that a fee be charged the said Capt. Munch of ten dollars.

"(Signed)	J. SHEHYN, <i>President.</i>
do	R. R. DOBELL, <i>Councillor.</i>
do	WM. BRODIE, <i>Councillor.</i> "

The above is a true copy.

(Signed)	F. H. ANDREWS, <i>Secretary.</i>
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Amount of fees received and expenses for the current year :—

Total amount received.....	\$1,609 71
To experts and office expenses.....	966 15
Balance.....	<u>\$ 643 56</u>

Respectfully submitted,

JOHN DICK,
Port Warden.

Examined and found correct.

WILLIAM BUDDEN, *Accountant.*

APPENDIX No. 29

REPORT OF PORT WARDEN FOR THE PORT OF HALIFAX FOR THE
CALENDAR YEAR ENDED 31st DECEMBER, 1884.

PORT WARDEN'S OFFICE,

HALIFAX, N. S., 31st December, 1884.

WM. SMITH, Esq.,

Deputy Minister of Marine, Ottawa.

SIR,—I have the honour to submit my Report of the affairs of this office, accompanied by a statement of the receipts and expenditure for the past year.

Surveys have been held by me during the year upon forty-six vessels.

The ship "Henry," of and from St. John, N.B., bound to Liverpool, G.B., and the brigantine "American Union," of Philadelphia, Pa., from Brunswick, Ga., bound for Bahia Blanca, which put in here in distress, were sold, as the expense of putting them in a seaworthy condition would exceed their value after the repairs had been effected.

The steel-built steamship "Colonsay," of Glasgow, G.B., deal-laden, from St. John, N.B., bound to Penarth Roads, G.B., arrived here in a damaged condition having been stranded on Mud Island, near Yarmouth, N. S. The cargo was discharged and the vessel placed upon the marine railway, where, having associated with me a competent mechanical engineer, I held survey upon her. We found a number of plates in the outside bottom fractured, and the inside plating—the vessel having water ballast tanks—uninjured. The owners of the vessel cabled to the agents here that if temporary repairs could be made sufficient to put her in a seaworthy condition to proceed with her cargo to her destination, to have them effected. After due consideration, we decided that the vessel could be temporarily repaired as to be seaworthy. The repairs were executed in accordance with our recommendations, and after their completion the inboard cargo was reloaded. The master and officers and crew, who, up to this time, had apparently been perfectly satisfied, now objected to proceed to sea in the vessel if the deck load was reloaded. It was decided to leave the deckload behind, and a ticket of seaworthiness was given the vessel. After the vessel was cleared at the Custom house the officers, engineers and crew refused to proceed in her, alleging that she was unseaworthy. A new master and engineers were procured from Great Britain, who, upon their arrival here, were informed of the extent of the damage and of the nature of the repairs made. After examining the hull and machinery they expressed themselves as satisfied that she was seaworthy. A new crew, with the exception of the first officer, who (unlicensed) returned to his duty, was shipped, and the vessel proceeded upon her voyage and arrived at her destination after a passage of average duration, during which she encountered very heavy weather. The deck load was subsequently sold by order of the parties interested.

Vessels repaired here, having cargoes for other ports, re-loaded them and proceeded to their destinations, where all, now due, have arrived safely.

The cargo saved from the SS. "Daniel Steinmann," which was wrecked at Sable Island, N. S., was brought here in a damaged condition, and was sold for the benefit of all concerned.

The cargo saved from the SS. "Amsterdam," which was wrecked at Sable Island, was brought to this port. The sound portion of it was forwarded to its destination and the damaged portion sold for the benefit of all concerned.

I have the honour to be, Sir,

Your most obedient servant,

DAVID HUNTER,

Port Warden.

I hereby certify that the above is a true and correct statement of the receipts and expenditure of the Port Warden at Halifax N.S., during the year 1884.

DAVID HUNTER,
Port Warden.

APPENDIX No. 30.

REPORT OF THE PORT WARDEN FOR THE PORT OF PICTOU, N.S.
FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

Pictou, N.S., 31st Decembee, 1884.

To WM. SMITH, Esq.,
Deputy Minister of Marine, Ottawa.

SIR,—I have the honour to submit this my Annual Report on the affairs of the office during the year ended 31st December, 1884, accompanied by the amount of fees collected and expenses during the past year:—

Amount of fees received (all from vessels arriving in damaged condition)	\$285 00
Amount paid to assistants.....	\$ 95 00
Amount paid for office rent, stationery, &c.	5 00
Balance to Port Warden.....	185 00
	<u>285 00</u>

I certify that this is correct.

Respectfully submitted,

DANIEL McDONALD,
Port Warden.

Sworn before me at Pictou, N.S., this 29th December, A.D., 1884.

RICHARD JAMES, *J.P.*

APPENDIX No. 31.

REPORT OF THE PORT WARDEN FOR PORT HAWKESBURY, N.S., FOR
THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

PORT HAWKESBURY, N.S., 31st December, 1884.

To WM. SMITH, Esq.,
Deputy Minister of Marine,
Ottawa.

SIR,—I have the honour to submit Annual Report of the doings of this office, accompanied by a statement of the fees collected by me, and also the attendant expenses during the past year. Enclosed please find a list of vessels arriving at this port in a damaged condition, on which surveys have been held during the year 1884, not ended. The damaged vessels have been all repaired here, and arrived safely at their ports of destination, except the "Elizabeth Ann," of Pictou, whilst on her passage to Boston, sprung her mainmast off Sambro, and put into Halifax.

I have the honour to be, Sir,
Your obedient servant,

D. W. HENESEY,
Port Warden.

RECEIPTS and Expenditure of the Port Warden's Office at Port Hawkesbury, from the
31st December, 1883, to the 31st December, 1884.

Date.		Fees Received.	Paid Assistants.
1884.		\$ cts	\$ cts.
May 21...	To Fees for surveys on hull and cargo of brig "C. R. C."	48 00	30 00
June 17...	do do and valuation, brig "Henry's"	55 00	30 00
	Survey on hull of schooner "Fanny Young"	13 00	5 00
July 16...	do schooner "Guide" of Newfoundland	8 00	.....
Aug. 4...	do held on Wrecking Company's pontoons	18 00	10 00
Oct. 11...	do hatches and cargo, brig "Christina"	5 00	.....
Sept. 19...	Fees received from survey on brig "Tickler"	33 00	20 00
Oct. 7...	do surveys on brig "Excelsior" of Bermuda	13 00	.....
Nov. 4...	Surveys held on schooner "Elizabeth Ann"	21 00	9 00
Dec. 24...	Fees on schooner "Kate Wilson" on hull, cargo and reloading	53 00	31 00
	Amount reverting to Port Warden .....	.....	135 00
	.....	.....	137 00
	Total receipts	272 00	272 00

I do hereby certify that the above is a true and correct statement of the receipt^s
and expenditure of the Port Warden at Port Hawkesbury, N.S., during the year 1884.

D. W. HENESEY,
Port Warden.

List of Damaged Vessels Surveyed by the Port Warden at Port Hawkesbury, for the Year ending 31st December, 1884.

Date.	Name of Vessel.	Rig.	Where from.	Were bound.	Port of Registry.	Description of Cargo.	Master's Name.	Nature of Damage.
1884.								
May 21	O. R. C.....	Brig.....	Arichat.....	Rio Janeiro.....	Jersey.....	Tubs dry fish.....	E. G. LeConteur	Stranded on Eddy Point Shoal, Strait of Canso.
June 17	Henrys.....	do.....	New York.....	Quebec.....	Quebec.....	Hard coal.....	Fabien Cloutier	Struck a rock near Green Island, N.S.
July 16	Fanny Young.....	Schooner.	Shelburne.....	Port Hawkesbury.	Shelburne.....	Ballast.....	— Reynolds....	Struck off Shelburne; keel badly broken up
Aug. 4	Guide.....	do	Bay of Islands.	Boston.....	St. Johns, Nfld	Pickled fish.....	Edwd. Parsons..	Leak, caused by stress of weather.
Aug. 4	Wrecking Pontoons.	.....	Isaac's Harbo'r	Laid up at Port Hawkesbury	.....	.....	.....	Leaking from natural causes.
do 11	Christina.....	Brig.....	Boston.....	Port Hawkesbury.	Halifax.....	General merchandise	John Fanning...	Survey held on hatches and cargo.
Sept. 19	Tickler.....	do	Paspebiac.....	do	Jersey.....	Ballast.....	Edwd. Hacquoil.	Stranded at Rockmouch, N.B.
Oct. 7	Excelsior.....	do	Hamilton.....	Shediac.....	Bernuda.....	General merchandise	W. H. Meyer.....	Leaking from natural causes.
Nov. 4	Elizabeth Ann...	Schooner..	Pictou.....	Boston.....	Pictou.....	Coal.....	Jared DeGoste...	In collision with steamship "Bonavista" in Strait of Canso.
do 24	Kate Wilson.....	do	Charlottetown	St. Johns, Nfld	Dorchester, N.B	Potatoes, oats and turnips.	P. W. McDonald	Stranded at McMillan's Point, Strait of Canso.

D. W. HENESEY,
Port Warden.PORT WARDEN'S OFFICE,
PORT HAWKESBURY, 31st December, 1884.

APPENDIX No. 32.

REPORT OF THE PORT WARDEN FOR THE PORT OF NORTH SYDNEY,
C.B., FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

NORTH SYDNEY, C.B., 10th January, 1885.

To Hon. A. W. McLELLAN,
Minister of Marine and Fisheries,
Ottawa.

SIR,—The undersigned Port Warden for the port of North Sydney, C.B., begs to report as follows:—

In the port of North Sydney, during the year 1884, the following surveys on vessels and steamers loaded, or having sustained damage, numbering in all 27, were held, viz.:—

15 on sailing vessels and 12 on steamships, amounting in all to.....	\$271. 00
--	-----------

The expenditure amounted to—

For office rent.....	\$50 00	
Stationery, &c.....	10 00	
	60 00	

Leaving net proceeds.....	\$211 00
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The falling off in the business of the office has been caused by scarcely any grain loaded steamers having called at this port requiring certificates during the past season.

DANIEL McKAY,
Port Warden.

APPENDIX No. 33

REPORT OF THE PORT WARDEN FOR THE PORT OF SYDNEY, C.B.
FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

SYDNEY, C.B., 31st December, 1884.

To Hon. A. W. McLELAN,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit a Report of the transactions in connection with the office of Port Warden at Sydney, C. B., during the past year.

I have the honour to be, Sir,

Your most obedient servant,

JOHN LORWAY,
Port Warden.

RECEIPTS and Expenditure of the Port Warden at Sydney, C.B., from 31st December
1883, to 31st December, 1884.

DR.

CR.

	\$ cts.		\$ cts.
To Forty-three steamers entered in my office, at \$8.....	344 00	By Paid fees to assistants.....	15 00
Survey on two steamers in regard to load line, with assistants....	31 00	Office rent and stationery.....	40 00
	375 00	Balance brought down.....	320 00
Balance brought down	320 00	Amount reverting to Port Warden...	320 00

JOHN LORWAY,
Port Warden.

SYDNEY, C.B., 31st December, 1884.

APPENDIX No. 34.

REPORT OF THE PORT WARDEN FOR THE PORT OF YARMOUTH, N.S.,
FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

To WM. SMITH, Esq.,
Deputy Minister of Marine, Ottawa.

YARMOUTH, N.S., 31ST December, 1884.

SIR,—I have the honour to submit my Report as Port Warden for Yarmouth, N.S., for the year ended 31ST December, 1884.

I have held twenty-one surveys on vessels in distress and on cargoes, the gross proceeds of which amounted to the sum of		\$223 00
Paid out for assistance in surveys.....		100 00
Net proceeds		<u>\$123 00</u>

I have the honour to remain, Sir,
Your obedient servant,
EBENEZER SCOTT,
Port Warden.

APPENDIX No. 35.

REPORT OF THE PORT WARDEN FOR THE PORT OF CHATHAM, N.B.
FOR THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

To WM. SMITH, Esq.,
Deputy Minister of Marine, Ottawa.

CHATHAM, N.B., 29th December, 1884.

SIR,—Enclosed herewith please find reports for the year 1884, also Annual Return of the receipts and expenses.

I am, Sir,

Your most obedient servant,

H. A. MUIRHEAD,

Port Warden.

PORT OF CHATHAM, N.B., 6th June, 1884.

At the request of capt. F. Moggile, master of the Italian barque "Ricardo," of Genoa, we, the undersigned, H. A. Muirhead, Port Warden, P. Schroppacom, Master Mariner, E. Bertolotte, Master Mariner, inspected the said barque "Ricardo," lying at the Canada ballast wharf.

We found about 5 feet of outer stem or pipe gone, having come in contact with ice.

The vessel otherwise is in good order and tight, and we consider her perfectly seaworthy to load cargo and proceed to her destination.

Fees..... \$5 00

H. A. MUIRHEAD,

Port Warden.

P. SCHROPPACOM,

E. BERTOLOTTE,

Master Mariners.

PORT OF CHATHAM, N.B., 2nd July, 1884.

At the request of Capt. F. Pettersen, Master of the barque "Mary Durtee," of Yarmouth, N.S., we, the undersigned, have this day surveyed the said barque, on account of her having been on shore at Sandy Hook, Magdalen Islands. We could not find any indication of ship having strained. Had the ship pumped out; while the pumps sucked, sounded the port well and found $15\frac{1}{2}$ inches of water. Sealed the pumps at 5:45 p.m.

July 3rd, 6:25 p.m.—Again visited said vessel, and on sounding the pumps found 23 inches of water, the vessel making $7\frac{3}{4}$ inches in the 24 hours, not allowing anything for drainage. At the same time and place a diver went under ship's bottom and examined keel and bottom, fore and aft. He reports having found the copper and shoe (about 15 feet from stem) somewhat chafed; found rudder and rudder irons in good order, and in our opinion the vessel is in good order and seaworthy to load cargo and proceed to her destination.

Fees \$30 00

H. A. MUIRHEAD,

Port Warden.

J. L. DELAP,

Master of Barque "Mistletoe."

WM. SINCLAIR,

Master Shipwright.

CHATHAM, 3rd July, 1884.

PORT OF CHATHAM, N.B., 8th July, 1884.

At the request of Captain F. Beauche, master of the barque "Maccabio," of Genoa, the undersigned, H. A. Muirhead, Port Warden, James Allan, Master Mariner, and L. Olwari, master of the barque "Guiseppe Emanuel," visited said vessel lying at anchor at Black Brook, Miramichi River. We found the vessel loaded and ready for sea, but crew refusing to proceed, saying vessel was too tender. No other fault. The vessel at the time having her fore and main top-gallant mast and mizzen top-mast on deck, and only about a streak and a-half of list to starboard, which may be caused by having a little extra weight (such as anchors, spars) on the starboard side. Otherwise the vessel is well found and in good trim, and, in our opinion, perfectly seaworthy.

Fees..... \$30 00

H. A. MUIRHEAD,
Port Warden.
JAMES ALLEN,
Master Mariner.
L. OLWARI,
Master, "Guiseppe Emanuel."

CHATHAM, N.B., 9th August, 1884.

We, the undersigned, H. A. Muirhead, Port Warden, J. J. Brown, Master Mariner, at the request of Captain John Cox, master of SS. "Hector," of Sunderland, G.B., proceeded in tug "Relief" to Outer Bay of Miramichi, in order to examine and survey the steamer, and to ascertain what damage (if any) the ship received while on the ground at the Horse Shoe. On reaching the vessel, at 5:20 p.m., we sounded the bell and found 1 inch of water. We also carefully examined waterways and about the keels, and could not find any mark of straining whatever, the sea at the time vessel was on the ground being perfectly smooth. We carefully examined the hull above water and could not notice anything strained. We are of the opinion that the vessel is in every respect seaworthy, but as the facilities for sighting her bottom are not obtainable at present, we therefore recommend the steamer to proceed to her destination with her cargo, and to be there docked and bottom sighted.

Fees..... \$20 00

H. A. MUIRHEAD,
Port Warden.
J. J. BROWN,
Master Mariner.

PORT OF CHATHAM, N.B., 28th October, 1884.

At the request of Captain Charles Ganion, Master of the schooner "Mary Eleanor," we, the undersigned, H. A. Muirhead, Port Warden, and James Allen, Master Mariner, went on board said schooner, then lying in the river at Chatham. Captain Ganion reported vessel sprung a leak in a gale of wind between North Cape, P.E.I., and Miramichi, while on passage from Sydney, C.B., bound to Alberton, P.E.I. We found the galley and boat had been washed away, and the Captain reported losing 10 fathoms of 5-inch manilla. Had vessel pumped out; sounded the port bell and found she had sucked at 9 inches. After waiting an hour sounded again, and found 10 inches—vessel making at the rate of 10 inches per hour. The Captain informed that he had just received a telegram from the underwriters, ordering him to discharge cargo of coals and caulk vessel, as they would take no risk unless he did so.

Considering the time of the year, and crew refusing to proceed in vessel, we advise him to discharge his cargo and caulk vessel. On examining the vessel we found the iron fastenings of the main sheet-block torn out, also part of pin-rail forward on both sides, all of which will require to be repaired. The main sail and jib also torn which will also require repairing.

Fees..... \$10 00

H. A. MUIRHEAD,
Port Warden.

JAMES ALLEN,
Master Mariner.

PORT OF CHATHAM, N.B., 12th November, 1884.

At the request of Earl D. Chase, master of the barquentine "Vigilant," of Chatham, N.B., office No. 85,698, we, the undersigned, H. A. Muirhead, Port Warden, James Allen, Master Mariner, and James Carter, Shipwright, proceeded to Tabusintac on Monday, the 10th day of November, 1884, to survey said barquentine "Vigilant," which went ashore in a south-east gale, on the 5th of November, while on a voyage from Bathurst, N.B., for Boston, with a cargo of laths. We arrived at the vessel on the morning of the 11th November; found her ashore, bottom up, with head towards shore, on the inside edge of the bar, on the north side of Lowe Tabusintac Gully, Crab Island lighthouse bearing west about a-half mile.

We found the mast, sails and rigging floating alongside, the vessel back-brokers stem started from keel, rudder gone, part of the outside planking on port side gone, some of the planking on the starboard bottom started from the timbers, and the greater part of the oakum out of the butts and seams.

We could not tell how much cargo remained in the vessel, but a large quantity of it was scattered along the beaches.

We consider the vessel a total wreck, and owing to the season of the year and the exposed position of the wreck, we recommend the hull, materials and whatever portion of the cargo remains in the vessel (if any) to be sold immediately for the benefit of all concerned.

Fees..... \$42 50

H. A. MUIRHEAD,
Port Warden.

JAMES ALLAN,
Master Mariner.

JAMES CARTER,
Shipwright.

CHATHAM, N.B., 29th December, 1884.

Receipts and expenses in connection with Port Warden's Office at Chatham, N.B.,
for year 1884.

		\$ cts.	\$ cts.
1884.	RECEIPTS.		
June 6.....	Italian barque "Ricardo"		5 00
July 2.....	British do "Mary Durkee"		30 00
do 8.....	Italian do "Maccabio"		30 00
Aug. 9.....	British steamship "Hector"		20 00
Oct. 28.....	do schooner "Mary Eleanor"		10 00
Nov. 12.....	do barquentine "Vigilant"		42 50
			\$137 50
	EXPENSES.		
July 2.....	Paid survey fees.....	20 00	
do 8.....	do	20 00	
Aug. 9.....	do	10 00	
Oct. 28.....	do	5 00	
Nov. 12.....	do and expenses.....	32 50	
	for stationery and rent	12 00	
			99 50
			\$38 00

H. A. MUIRHEAD.

APPENDIX No. 36.

REPORT OF THE PORT WARDEN FOR THE PORT OF ST. ANDREWS,
N.B., FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

St. ANDREWS, N.B., 2nd January, 1885.

To WM. SMITH, Esq.,
Deputy Minister Marine, Ottawa.

SIR,—There has been no business connected with the Port Warden's office for the Port of St. Andrews for the year ending 1884.

I remain, Sir,

Your most obedient servant,

JOHN WREN.

Sworn to at St. Andrews, N.B., the 2nd day of January, 1885, before me,

JOHN S. MAYER,

J. P. for the County of Charlotte.

APPENDIX No. 37.

REPORT OF THE PORT WARDEN FOR PRINCE EDWARD ISLAND FOR
THE CALENDAR YEAR ENDED 31st DECEMBER, 1884.

CHARLOTTETOWN, P.E.I., 31st December, 1884.

To WM. SMITH, Esq.,
Deputy Minister of Marine,
Ottawa.

SIR,—I have the honour to submit my Annual Report of the business of my office during the past season.

During the past year three barks have arrived in a damaged condition, upon which surveys have been held, and after receiving the necessary repairs took in cargoes and sailed for foreign ports, with the exception of the bark "Lucy Pope," Joseph McDonald, Master, which vessel sailed from the Port of Souris on the evening of the 18th of this month, and when about half way across the Straits encountered a severe gale of wind and snow; the captain put the ship about to run for the port of Georgetown, and in doing so struck on Boughton Island Reef; the ship came off (she then became unmanagable, being iced up in rigging, &c.) and was towed into Georgetown by SS. "Northern Light" in a leaky condition, and will have to discharge cargo.

The brigantine "Grace," laden with a cargo of oats, and ready for sea, on the 19th of this month, dropped down to the harbour's mouth and came to anchor and intended going to sea the following morning, but the severe frost of that night froze the vessel hard and fast, and she will have to remain here for the winter.

We have had an unusual sudden close of navigation this season and severe gales of wind, and regret to say causing damage to shipping. The loss of the brig "Lauretta," of and from this port, abandoned at sea, is reported; crew saved and landed in New York.

I wish to bring to the notice of the Department a gross violation of the 9th and 11th sections of the General Port Warden's Act, on the part of Captain Bowie, master of the schooner "Annie Roy" of Guysboro', N.S., of 90 tons register. The said vessel was chartered to load at Cascumpec for Newfoundland, and did so with oats and other produce. The captain ignored the services of my Deputy at that port and took in cargo, and when loaded applied for a clearance, which was refused, not having the Port Warden's certificate; the captain then took a clearance for Halifax, N.S., and sailed direct for Newfoundland, and has since arrived there.

I have the honour to be, Sir

Your obedient servant,

H. P. WELSH,
Port Warden.

RECEIPTS and Expenditure of the Port Warden of Prince Edward Island.

	\$ cts.		\$ cts.
1884—To Fees derived from grain-laden ships.....	476 00	By Expense of office.....	52 00
Damaged goods	36 00	Commission to Deputies.....	95 90
Surveys on hatches.....	33 00	Balance.....	463 10
Vessels arriving in distress....	66 00		
	611 00		611 00

I hereby certify that the above is correct.

H. P. WELSH,
Port Warden.

APPENDIX No. 38.

REPORT OF THE PORT WARDEN FOR THE PORT OF RIMOUSKI, P.Q.
FOR THE CALENDAR YEAR ENDED 31ST DECEMBER, 1884.

RIMOUSKI, 10th December, 1884.

To the Hon. A. W. McLELAN,
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my Report as Port Warden for the Port of Rimouski. No vessels were examined, and I have collected no moneys.

I have the honour to be, Sir,

Your obedient servant,

ELZÉAR HEPPEL,

Port Warden.

APPENDIX No. 39.

STATEMENT showing results of certain Returns respecting Shipping and Discharging of Seamen, received by the Department of Marine and Fisheries in accordance with the provisions of the Act 36 Vic., Chap. 129, from Shipping Masters throughout the Dominion, for the half-years ended 30th June and 31st December, 1884.

QUEBEC.

Name of Port.	Name of County.	Name of Shipping Master.	For Half-year ended 30th June, 1884.			For Half-year ended 31st December, 1884.			Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.			
					\$ cts.			\$ cts.			\$ cts.
Escoumains.....	Bonaventure..	John E. Barry .....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Gaspé.....	Gaspé.....	Jos. Eden.....	16	12	11 60	38	14	232	54	26	34 80
Magdalen Islands.....	Gaspé.....	J. B. F. Painchaud .....	.....	Nil.....	.....	.....	No returns	.....	.....	.....	.....
Montreal.....	Montreal.....	Geo. Smith.....	182	244	213 00	.....	.....	.....	.....	.....	.....
New Carlisle.....	Bonaventure..	P. C. Beauchesne..	.....	No returns	.....	34	22	23 60	34	22	23 60
New Richmond.....	Bonaventure..	R. W. H. Dimock ..	.....	Nil.....	.....	.....	No returns	.....	.....	.....	.....
Percé.....	Gaspé.....	W. Flynn.....	6	.....	3 00	1	1	0 80	7	1	2 80
Quebec.....	Quebec.....	B. Trudel.....	414	306	364 25	1,167	1,323	1,415 25	1,881	1,629	1,779 50
Rimouski.....	Rimouski.....	P. L. Gauvreau.....	.....	Nil.....	.....	.....	Nil.....	.....	.....	.....	.....
St. John's.....	St. John's.....	E. D. Philips.....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Sorel.....	Richelieu.....	Joseph Mathieu.....	.....	No returns	.....	.....	.....	.....	.....	.....	.....
Three Rivers.....	Three Rivers..	A. A. Lantier.....	.....	.....	.....	.....	13	3 90	.....	13	3 90
			.....	No returns	.....	.....	No returns	.....	.....	.....	.....

STATEMENT showing results of certain Returns respecting Shipping and Discharging of Seamen, &c.—Continued.
NEW BRUNSWICK.

Name of Port.	Name of County.	Name of Shipping Master.	For Half-year ended 30th June, 1884.			For Half-year ended 31st December, 1884.			Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.			
					\$ cts.			\$ cts.			\$ cts.
Alma.....	Albert	Robert Wright.....	15	7	9 60	17	7	10 60	32	14	20 20
Bathurst.....	Gloucester.....	W. J. O'Brien .....	.....	Nil .....	.....	.....	.....	.....	.....	.....	.....
Buctouche	Kent	R. Douglas .....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Chatham	Norumberland	J. J. Brown	60	30	39 00	156	40	90 00	216	70	129 00
23Cocagne.....	Kent	A. K. Dysart .....	.....	Nil .....	.....	.....	No returns	.....	.....	.....	.....
23Dalhousie.....	Restigouche	W. Montgomery .....	.....	Nil .....	.....	5	2	3 10	5	2	3 10
Dorchester.....	Westmoreland	Walter Dobson.....	.....	No returns	.....	25	24	19 70	25	24	19 70
Fredericton	York	A. F. Street	2	4	2 20	.....	No returns	.....	.....	.....	.....
Grand Manan.....	Charlotte	T. Wooster	40	41	32 30	54	43	39 90	94	84	72 20
Harvey	Albert.....	W. J. Reid	8	4	5 20	.....	No returns	.....	.....	.....	.....
Hillsborough	Albert	W. E. Stevens.....	35	4	18 70	49	23	31 40	84	27	50 10
Lepreaux	Charlotte	G. K. Hanson	2	.....	1 00	.....	Nil .....	.....	2	.....	1 00
Moncton	Westmoreland	James Robertson...	47	20	29 50	63	30	40 50	110	50	70 00
Musquash	St. John	A. T. Dunn.	3	1	1 80	6	2	3 60	9	3	5 40
New Brandon	Gloucester.....	F. J. Foley .....	.....	Nil .....	.....	.....	No returns	.....	.....	.....	.....
Newcastle	Norumberland	R. B. Haddow	4	1	2 30	6	4	4 20	10	5	6 50
North Joggina	Westmoreland	Rufus C. Ward .....	.....	Nil .....	.....	.....	No returns	.....	.....	.....	.....

Quaco.....	St. John.....	J. Carson.....	23	5	13 00	26	13	16 90	49	18	29 90
Richibucto	Kent.....	John Rusk.....	.....	No returns	.....	20	4	11 20	20	4	11 20
Rockport	Westmoreland	R. C. Ward	10	10	8 00	13	11	9 80	23	21	17 80
Sackville	Westmoreland	J. D. Dixon.....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
St. Andrews	Charlotte	Samuel Billings....	10	7	7 10	8	13	7 90	18	20	15 00
St. George.....	Charlotte.....	James McKay.....	11	.....	5 50	7	21	9 80	18	21	15 30
St. John	St. John.....	W. H. Purdy.....	1,896	1,225	1,315 50	2,160	1,566	1,549 80	4,056	2,791	2,865 30
St. Stephens	Charlotte.....	H. Webber.....	11	25	13 00	.....	No returns	.....	11	25	13 00
Shediac.....	Westmoreland	Hon. D. Hanington .....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Shippeagan	Gloucester.....	Henry A. Sormany.....	.....	Nil	.....	.....	No returns	.....	.....	.....	.....

NOVA SCOTIA.

Advocate	Cumberland...	James Ward.....	3	.....	1 50	6	.....	3 00	9	.....	4 50
Amherst	Cumberland...	Nathan Tupper.....	.....	Nil	.....	.....	Nil	.....	.....	.....	.....
Annapolis.....	Annapolis.....	A. Fullerton.....	66	44	46 20	98	56	65 80	164	100	112 00
Antigonish	Antigonish	R. Grant .....	.....	Nil	.....	.....	Nil	.....	.....	.....	.....
Apple River.....	Cumberland...	J. W. Ward	3	1	1 80	5	3	3 40	8	4	5 20
Arichat.....	Richmond	D. O'C. Madden....	121	30	69 50	69	80	58 50	190	110	128 00
Aspey Bay	Victoria	D. McDonald.....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Baddeck	Victoria	L. G. Campbell....	9	.....	4 50	23	3	12 40	32	3	16 90
Barrington.....	Shelburne	D. Sargent.....	17	5	10 00	7	2	4 10	24	7	14 10
Bayfield	Antigonish	E. G. Randall .....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Beliveau Cove.....	Digby	J. V. Stuart	16	5	9 50	40	13	23 90	56	18	29 40

STATEMENT showing certain Returns respecting Shipping and Discharging Seamen, &c.—Continued.

NOVA SCOTIA—Continued.

Name of Port.	Name of County.	Name of Shipping Masters.	For Half-year ended 30th June, 1884.			For Half-year ended 31st December, 1884.			Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.			
					\$ cts.			\$ cts.			\$ cts.
Bear River.....	Digby.....	T. H. Miller.....	.....	No returns.....	.....	89	101	74 80	89	101	74 80
Beaver River.....	Colchester.....	R. Perry.....	12	.....	6 00	14	.....	7 00	26	.....	13 00
Bridgetown.....	Annapolis.....	S. S. Ruggles.....	.....	Nil.....	.....	2	2	1 60	2	2	1 60
Bridgewater.....	Lunenburg.....	J. H. Wade.....	27	19	19 20	76	95	66 50	103	114	85 70
Caledonia.....	Cape Breton...	James T. Burchell	.....	.....	.....	.....	No returns.....	.....	.....	.....	.....
Canada Creek.....	King's.....	S. W. Rawling.....	7	6	5 30	6	4	4 20	13	10	9 50
Canso.....	Guyshoro'.....	J. W. Young.....	39	7	21 60	25	3	13 40	64	10	35 00
Cape Sable Island.....	Shelburne.....	Seth Smith.....	43	10	24 50	25	15	17 00	68	35	41 50
Clementsport.....	Annapolis.....	G. F. Ditmars.....	58	32	38 60	50	55	41 50	108	87	80 10
Cornwallis.....	King's.....	E. Rand.....	43	34	31 70	.....	No returns.....	.....	.....	.....	.....
Cow Bay.....	Cape Breton...	W. W. Bown.....	32	4	17 20	36	32	27 60	68	36	44 80
Digby.....	Digby.....	Botsford Viets.....	12	6	7 80	19	15	14 00	31	21	21 80
Freeport.....	Digby.....	Isaiah Thurber.....	4	.....	2 00	.....	No returns.....	.....	.....	.....	.....
French Cross.....	King's.....	J. E. Orper.....	6	.....	3 00	.....	Nil.....	.....	6	.....	3 00
Great Bras d'Or.....	Cape Breton...	D. Campbell.....	.....	No returns.....	.....	14	10	10 00	14	10	10 00
Guyshoro'.....	Guyshoro'.....	J. A. Tory.....	35	.....	17 50	20	6	11 80	55	6	29 30

Hantsport.....	Hants.....	18	40	21 00	50	14	29 20	68	54	50 20
J. W. Lawrence.....	J. W. Lawrence.....	18	40	21 00	50	14	29 20	68	54	50 20
Harbour au Bouche.....	Antigonish....	5	5	2 50	.....	4	1 20	5	4	3 70
Harbourville.....	King's.....	23	3	12 40	12	4	7 20	35	7	19 60
Horton.....	King's.....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Isaac Harbour.....	Guysboro'.....	11	8	7 90	2	1	1 30	13	9	9 20
Joggins.....	Cumberland..	21	.....	10 50	16	.....	8 00	37	.....	18 50
Jordan Bay.....	Shelburne.....	21	.....	10 50	44	26	19 80	65	26	30 30
La Have.....	Lunenburg....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Lingan.....	Cape Breton...	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Little Bras d'Or.....	Cape Breton...	.....	Nil.	.....	.....	Nil.	.....	.....	.....	.....
Little Glace Bay.....	Cape Breton...	.....	No returns	.....	44	32	31 60	44	32	31 60
Liscomb.....	Guysboro'.....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Liverpool.....	Queen's.....	.....	.....	.....	.....	.....	.....	528	280	348 00
Lockeport.....	Shelburne....	410	165	254 50	.....	.....	.....	.....	.....	.....
Londonderry.....	Colchester....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Louisburg.....	Cape Breton...	35	6	19 30	7	7	5 60	42	13	24 90
Lunenburg.....	Lunenburg....	210	304	196 20	347	282	258 10	557	586	454 30
Mahone Bay.....	Lunenburg....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Main à Dieu.....	Cape Breton...	6	4	4 20	10	8	7 40	16	12	11 60
Maitland.....	Hants.....	.....	Nil.	.....	.....	Nil.	.....	.....	.....	.....
Margaree.....	Inverness.....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Margaretsville.....	Annapolis.....	12	.....	6 00	.....	.....	.....	.....	.....	.....
Merigomish.....	Pictou.....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Meteghan.....	Digby.....	.....	.....	.....	.....	No returns	.....	.....	.....	.....

STATEMENT showing results of certain Returns respecting Shipping and Discharging of Seamen, &c.—Continued.

NOVA SCOTIA—Concluded.

Name of Port.	Name of County.	Name of Shipping Master.	For Half-year ended 30th June, 1884.			For Half-year ended 31st December, 1884.			Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.			
					\$ cts.			\$ cts.			\$ cts.
North Sydney	Cape Breton...	James Armstrong.	99	43	62 40	275	163	186 40	374	206	248 80
Parrsborough	Cumberland...	A. S. Townshend .	61	36	41 30	.....	No returns	.....	.....	.....	.....
Pictou	Pictou	M. Campbell.....	75	62	56 10	162	98	110 40	237	160	186 50
Port Acadie	Digby	A. Bourneuf.....	22	16	15 80	32	12	19 60	54	28	35 40
Port Caledonia	Cape Breton ...	J. J. Campbell.....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Port Gilbert	Digby	R. Sanderson .....	.....	No returns	.....	69	102	65 10	69	102	65 10
Port Hawkesbury	Inverness	John Stapleton	33	3	17 40	28	16	18 80	61	19	36 20
Port Hood	Inverness	E. D. Tremain .....	.....	Nil.	.....	.....	Nil.	.....	.....	.....	.....
Port la Tour	Shelburne	J. W. Taylor	4	.....	2 00	6	2	3 60	10	2	5 60
Port Medway	Queen's	J. J. Leston	64	19	37 70	36	31	27 30	100	50	65 00
Port Mulgrave	Guysboro'	D. Murray, jun....	18	.....	9 00	2	.....	1 00	20	.....	10 00
Port William	King's	G. S. Lockwood ...	.....	No returns	.....	17	6	10 30	.....	.....	.....
Port Williams	Annapolis	W. Graves	2	.....	1 00	.....	Nil.	.....	2	.....	1 00
Pubnico	Yarmouth	P. S. D'Entremont.	91	.....	45 50	93	4	47 70	184	4	93 20
Pugwash	Cumberland ...	J. H. Black	6	1	3 30	17	19	14 20	23	20	17 50

St. Mary's River.....	Guysboro'.....	A. F. Falconer.....	Nil.....	43 00	2	Nil.....	1 60	88	2	44 60
St. Peter's.....	Richmond.....	Donald Urquhart.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheet Harbour.....	Halifax.....	M. Macfarlane.....	.....	.....	.....	No returns	.....	.....	.....	.....
Shelburne.....	Shelburne.....	W. W. Atwood.....	16	80 30	33	6	18 30	184	22	98 60
Ship Harbour.....	Halifax.....	Edgar Hill.....	.....	.....	.....	No returns	.....	.....	.....	.....
Sydney.....	Cape Breton.....	R. J. Ingraham.....	.....	.....	.....	do	.....	.....	.....	.....
Thorne's Cove.....	Annapolis.....	E. H. Porter.....	No returns	.....	8	1	4 30	8	1	4 30
Truro.....	Colchester.....	S. F. Crowe.....	.....	.....	.....	No returns	.....	.....	.....	.....
Tatamagouche.....	Colchester.....	J. A. G. Campbell.....	Nil.....	.....	3	.....	1 50	3	.....	1 50
Wallace.....	Cumberland.....	Wm. McNab.....	Nil.....	.....	.....	No returns	.....	.....	.....	.....
Walton.....	Hants.....	A. McN. Parker.....	Nil.....	.....	19	15	14 00	19	15	14 00
Weymouth.....	Digby.....	Sterns Jones.....	No returns	.....	68	60	52 00	68	60	52 00
Windsor.....	Hants.....	E. O'Brien.....	18	31 40	36	9	20 70	88	27	51 47
Wilnot.....	Annapolis.....	G. B. Reed.....	.....	.....	.....	No returns	.....	.....	.....	.....
Yarmouth.....	Yarmouth.....	C. W. Clements.....	213	181 90	384	216	256 80	620	429	438 70

PRINCE EDWARD ISLAND.

Casumpec.....	Prince.....	James F. White.....	.....	.....	No returns	.....	.....	.....	.....	.....
Charlottetown.....	Queen's.....	Wm. Koughan.....	124	94	81	119	76 20	205	213	166 40
Crapaud.....	Queen's.....	S. J. B. Leard.....	.....	No returns	6	4	4 20	6	4	4 20
Georgetown.....	King's.....	Charles Owen.....	26	12	53	48	40 90	79	60	57 50
Malpeque.....	Prince.....	J. M. Macvortt.....	.....	Nil.....	.....	Nil.....	.....	.....	.....	.....

STATEMENT showing certain Returns respecting Shipping and Discharging Seamen, &c.—Concluded.
PRINCE EDWARD ISLAND—Concluded.

Name of Port.	Name of County.	Name of Shipping Master.	For Half-year ended 30th June, 1884.			For Half-year ended 31st December, 1884.			Total Seamen Shipped.	Total Seamen Discharged.	Total Amount.
			Seamen Shipped.	Seamen Discharged.	Amount.	Seamen Shipped.	Seamen Discharged.	Amount.			
Montague Bridge.	King's	J. M. Aitken.....	5	.....	\$ cts. 2 50	6	11	\$ cts. 6 30	11	11	\$ cts. 8 80
Murray Harbour.....	King's	H. J. Brehaut. ....	.....	Nil .....	.....	.....	Nil .....	.....	.....	.....	.....
Pinette	Queen's	A. Murchison.....	.....	Nil .....	.....	2	.....	1 00	2	.....	1 00
Port Hill	Prince	W. Hopgood.....	.....	7	2 10	6	.....	3 00	6	7	5 10
St. Peter's Bay	King's	R. D. McCallum ...	.....	.....	.....	.....	No returns	.....	.....	.....	.....
Souris	King's	Michael Foley	22	4	12 20	24	2	12 60	46	6	24 80
Summerside.....	Prince.....	Jacob Schurman...	23	7	13 60	27	14	4 20	50	21	17 80
Tignish.....	Prince.....	Geo. Conroy .....	.....	.....	.....	.....	No returns	.....	.....	.....	.....
West Cape	Prince.....	Charles Stewart...	.....	.....	.....	.....	do	.....	.....	.....	.....

BRITISH COLUMBIA.

Burrard Inlet	N. Westminst'r	Isaac Johns	63	134	71 70	.....	No returns	.....	63	134	71 70
Victoria	Victoria.....	W. Hamley .....	.....	.....	.....	.....	do	.....	.....	.....	.....

APPENDIX No. 40.

REPORT OF THE MONTREAL HARBOUR POLICE FOR THE FISCAL YEAR
ENDED 30TH JUNE, 1884.

MONTREAL, 3rd December, 1884.

LIAM SMITH, Esq.,
Deputy Minister of Marine, Ottawa.

SIR,—I have the honour to submit the Annual Report of the Government Harbour
for the fiscal year ended 30th June, 1884.

As regards the number of persons arrested, there has been a decrease of 41, the
being 871, against 913 last year. A schedule showing the nature of the offences
committed is annexed.

It having been found impracticable to give the police protection called for to the
ships visiting the port, and loud and persistent representations having been made

to the Department by the merchants and shipowners of the injustice of levying a tax
on which no equivalent was given, a further increase to the number of constables
was granted in August, when the force consisted of 1 Chief, 3 Sergeants and 34
men, making, with the Inspector, who is also Agent of Marine, 39 all told.

The distance to be patrolled, from above the Wellington Bridge, on the Lachine
River, to the wharf at Victor Hudon's cotton factory, is over five miles, and, as you
are practically aware, the present number cannot give the surveillance demanded
by the port.

During the present season 22 persons were drowned, and about an equal number
lost from a similar fate.

Permit me to thank you for the support afforded to me in the carrying out of
the details of my office, as well as for the valuable information so freely given for
your guidance in the performance of my combined duties.

I have the honour to be, Sir,

Your very obedient servant,

H. ST. A. ORMOND,

Agent Marine, and Inspector Government Harbour Police.

Return of prisoners arrested by the Government Harbour Police of Montreal for the fiscal year ended 30th June, 1884.

	Broaching ship's cargo.	Drunk.	Sailors refusing duty.	Drunk and fighting on the wharves.	Sailors deserting their ships.	Sailors drunk on board ship.	Sailors absent without leave.	Larceny.	Sailors drunk and fighting on board.	Sailors placed on board ship.	Drunk and resisting the police.	Assaulting the police.	Sailors threatening their officers.	Cruelty to animals.	Drunk and disorderly on the wharves.	Sailors assaulting their officers.	Crimping.	Suspicion of deserting.	Obstructing on board ship.	Interfering with the police.	Carters impeding on the wharves.	Attempting to commit suicide.	Bathing in the river.	Assault and battery.	Vagrancy.	Passing bad money.	Stowaways.	Protection.	Total.		
1883.																															
July		8	10	3	12	4	9	4	5	20	4	3	2	2	6	1	1	7	3	3	4	3	2	3	3	1	7	18	145		
August	2	12	3	2	7	5	3	10	2	25	3	1	1	2	7	1	1	1	3	3	3	1	1	6	4	1	12	15	136		
September		12	2	3	3	2	6	2	2	37	3	.....	5	1	5	1	1	7	2	2	2	2	.....	2	3	.....	1	15	120	
October	1	10	8	6	10	4	9	2	4	32	1	1	1	1	1	1	1	4	1	9	1	3	1	.....	2	.....	.....	.....	12	122
November		7	2	4	2	3	3	1	1	20	3	1	1	1	6	.....	.....	4	1	1	.....	.....	.....	.....	1	.....	.....	8	70	
December .....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	10	
1884.																															
January .....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
February .....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March .....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April .....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May	6	9	5	6	3	2	10	7	1	28	4	2	1	.....	4	1	2	2	2	2	3	2	2	2	2	5	.....	2	10	121
June	7	12	9	10	5	1	9	4	4	30	5	6	1	1	3	2	2	3	3	2	3	2	2	2	3	4	1	13	147		
	16	70	39	34	42	21	49	30	19	192	23	14	12	8	36	7	2	35	14	14	14	14	6	15	15	16	4	23	101	871	

To H. St. A. ORMOND, Esq.

Agent Marine and Fisheries, and Inspector of Police.

GEORGE MURPHY,
Chief G. H. P.

APPENDIX No. 41.

REPORT OF THE QUEBEC RIVER POLICE FOR THE CALENDAR YEAR
ENDED 31st DECEMBER, 1884.

QUEBEC, 10th December, 1884.

LIAM SMITH, Esq.,
Deputy Minister of Marine, Ottawa.

SIR,—I have the honor to submit, for the consideration of the Hon. the Minister of Marine and Fisheries, my seventh Annual Report as Chief of the Government River Police at this port.

On the first of May the force resumed its duties with the following staff, viz.:—The Chief, who is also Shipping Master, at a salary of \$1,500 per annum for his offices, with Mr. James Cunningham acting as Deputy Chief, at \$2.40 per day, the season.

Five coxwains, at \$1.90, and 26 constables, at \$1.50 per diem, and 2 engineers, at \$50 per month.

From the above rate of wages the amount of 25 cents per day was monthly retained as guarantee of their good conduct, and same having proved satisfactory, this amount was paid them at the close of the season's service.

Nothing worthy of the special attention of the Department occurred during the season, which has been an exceptionally quiet one.

I have the honour to be, Sir,

Your most obedient servant,

BENJ. TRUDEL,

Chief of Government River Police and Shipping Master.

APPENDIX No. 42.

LIST of Persons to whom Rewards have been granted by the Government of Dominion of Canada, from 1st January to 31st December, 1884, for gallant humane services rendered in Saving Life from Shipwrecked Canadian Vessels by British or Foreign Governments for similar services in Saving Life from Shipwrecked British and Foreign Vessels for same period.

Names and Designation of Persons.	Nature of Service Rendered.	Date of Service Rendered.	Description of Rewards Granted.
Capt. Esra C. Roach, master of barque "Brazil," of Yarmouth, N.S.	Services in rescue of crew of American schooner "Nellie Bell."	April 2, 1879	A gold watch United States Government.
Messrs Michael and Moses Nolan, of Ingonish, N.S.	Services saving life at North Bay....	June — 1881	A binocular glass each.
Miss Bertha Grace Boyd.....	Saving life at St. Croix River, N.B..	Oct. — 1882	A gold watch.
Messrs. Gardner F. Goold and Harvey Tingley, of schooner "Belaetta," of St. John, N.B.	Services saving life at sea of a seaman of the "Belaetta."	March — 1883	A silver watch each.
Wm. H. Kelly, of Whitehall, N.Y.	Services saving a man from drowning at Three Rivers, Que.	June 16, 1883	A silver watch.
Capt. Colin McKenzie and Capt. Alf McLeod, James Cole, Wm. McKenzie, M. Praught, H. Fyfe, James Jones, D. Praught, E. Warren and John Doyle.	Services in rescue of shipwrecked crew of the "Marco Polo," of Norway.	July 25, 1883	A silver watch each captain, \$10 to each of men.
Capt. Wm. Ward, Capt. Wm. D. Andrews and Mr. John Patry.	Humane exertions in saving life in Toronto Harbour.	July 27, 1883	A binocular glass each.
Capt. St. Cyr, François Journeil and master André Daniel Labat, of the French steamship "Château Lafite."	Humane and praiseworthy conduct in rescue of the shipwrecked crew of the brig "Teviot," of Liverpool, N.S., abandoned as a total loss on a voyage from Cow Bay, N.S., to St. Jago de Cuba.	Aug. 26, 1883	A binocular glass captain; a gold watch to master.
Henry James, chief officer; John O'Toole, 3rd officer; Capt. A. H. Luekhurst, D. Cameron, H. Chinnery, John Kroon, W. Philpot and Wm. Curry, seamen; all of steamship "Scotland," of London, Eng.	Services in rescue of shipwrecked crew of brigantine "Minnie Louise," of Port Hawkesbury, N.S., abandoned off Cape Race, Nfld.	Nov. 18, 1883	A gold watch to chief officer; a silver watch to 3rd officer; a binocular glass to captain; \$12 to two seamen, and \$10 each to the other

LIST of Persons to whom Rewards have been granted by the Government of the Dominion of Canada, &c.—*Continued.*

Names and Designation of Persons.	Nature of Service Rendered.	Date of Service Rendered.	Description of Rewards Granted.
Victor Guerrier, pilot.. ..	Courageous conduct in rescue of portion of shipwrecked crew of the barque "Mary Wiggins," of Windsor, N.S., stranded and broken to pieces near Havre, France.	Nov. 30, 1883	A gold medal.
Miss Charlotte J. Cross, of Lansdowne, Ont.	Services saving life on River St. Lawrence.	Dec. 22, 1883	A gold watch.
Capt. Enoch Huntley, of schooner "Libbie T." of Halifax, N.S.	Services saving life of shipwrecked crew of schooner "Evergreen," of St. John, N.B., capsized off Mount Desert.	Dec. —, 1883	A letter of thanks.
Alex. Gilkie and Stewart Gilkie, keepers of Sambro Light Station; James Collins, Frederic Keyworth and Richard Redding, gunners of Royal Artillery.	Services in rescue of shipwrecked crew of Belgian vessel "Daniel Steinman."	April 4, 1884	Civic medal of the 1st class to each man, from Belgian Government.
Capt. Joseph Oakley, George Larkin, Peter Kanutson, Samuel Nelson, Albert Nelson, Peter Iverson and Henry Smith, of the schooner "Zenobia," of Gloucester, Mass.	Services in rescue of shipwrecked crew of the steamer "George Calhoun," of St. John, N.B., wrecked near Highland Light, Cape Cod.	do 6, 1884	A binocular glass to Capt. Oakley; \$10 to each man of the crew.
Capt. Giuseppe Vecarina, master Austrian barque "Nehaj."	Services to shipwrecked crew of brigantine "Lillie Sleightholm," of Barrington, N.S., foundered at sea.	do 14, 1884	A binocular glass.
Messrs. Elisha West, Robert Doggett, George West, Edward Cook, William Doggett, Ralph Doggett, Charles Doggett, W. H. Doggett, Wm. Inness, fishermen, of White Point, Queen's Co., N.S.	Services in rescue of steamship "Valetta," lost on the Brazil Rock, off Port Mouton, N.S.	do 25, 1884	\$10 to each.
Captain of the Port of Monte Video; Luis Toch, Bartolo Rosas, Antoine Casto, sailors, and Francesco Ortez.	Services in rescue of the shipwrecked crew of brigantine "Eleanor," of Halifax, N.S.	do 25, 1884	A letter of thanks to the captain and £4 to each of the men.
Neil McKenzie, Michael McKenzie, sen., Michael McKenzie, jun., Stephen Sutherland, Andrew Simpson, Alexander McKenzie, W. W. McGrath, Polycarp McAdam, Wm. Findlay, W. McGrath, jun., and Ambrose Barry, inhabitants of St. Peter's Bay, P.E.I.	Services in rescue of shipwrecked crew of the steamship "Tunstall," of Montreal.	May 13, 1884	\$5 each.

LIST of Persons to whom Rewards have been granted by the Government of the Dominion of Canada, &c.—*Continued.*

Names and Designation of Persons.	Nature of Service Rendered.	Date of Service Rendered.	Description of Rewards Granted.
Capt. David L. Smith, of the American schooner "B. T. Crocker," of Provincetown, Mass.	Services in rescue of shipwrecked crew of schooner "Queen of the East," abandoned at sea off Whitehead.	May 25, 1884	A binocular glass.
Capt. Kilgallen, Joseph McGowan, steward; Samuel Kelley, George Rouse, Seva Knudson and Fred. Collard, seamen of ship "Eurydyce," of St. John, N.B.	Services in rescue of shipwrecked crew of "Little Racer," of Padstow.	.....	A silver medal to captain and £2 to steward and each of the seamen, by the Imperial Government.
Capt. W. D. Andrews, of Toronto.	Services saving life in Toronto Harbour.	Aug. 5, 1884	A letter of thanks.
John J. Campbell, master of fishing boat, and John McPhee.	Rescuing the sole survivor of the ill-fated schooner "Welcome," of Lunenburg, N.S., off North Lake, near East Point, P.E.I.	Aug. 31, 1884	\$10 to each man.
Benjamin Fulker, light-keeper, John Henneberry, James Henneberry, David Henneberry, William Henneberry, Charles Faulkner, Richard Potter, Charles Walsh and Thomas Edwards	Services in rescuing shipwrecked crew of the schooner "John Wesley," of Liverpool, N.S., at Devil's Island, N.S.	Sept. 25, 1884	\$8 to light-keeper, and \$5 to each of the men.
Jackson Bougard and Captain S. Monck.	Services saving life on different occasions at Poplar Point, Lake Ontario.	.....	A silver watch to each.
Captain Randall Ryan, of brigantine "Hattie Rich," of Lockport, N.S., and Mr. George Stalker, collector of Customs, Lockport, N.S.	Services in directing movements that resulted in the rescue of the crew of the American schooner "Priscilla T. Wellets."	March 5, 1884	A gold watch to captain and letter of thanks to the collector by the United States Government
Captain Spaulding, master of barkentine "Chelmsford," of Quebec.	Services rescuing crew of American schooner "William Hare," sunk by an unknown bark.	Dec. —, 1883	A gold medal by the United States Government.

PRELIMINARY REPORT

—ON THE—

FISHERIES OF CANADA

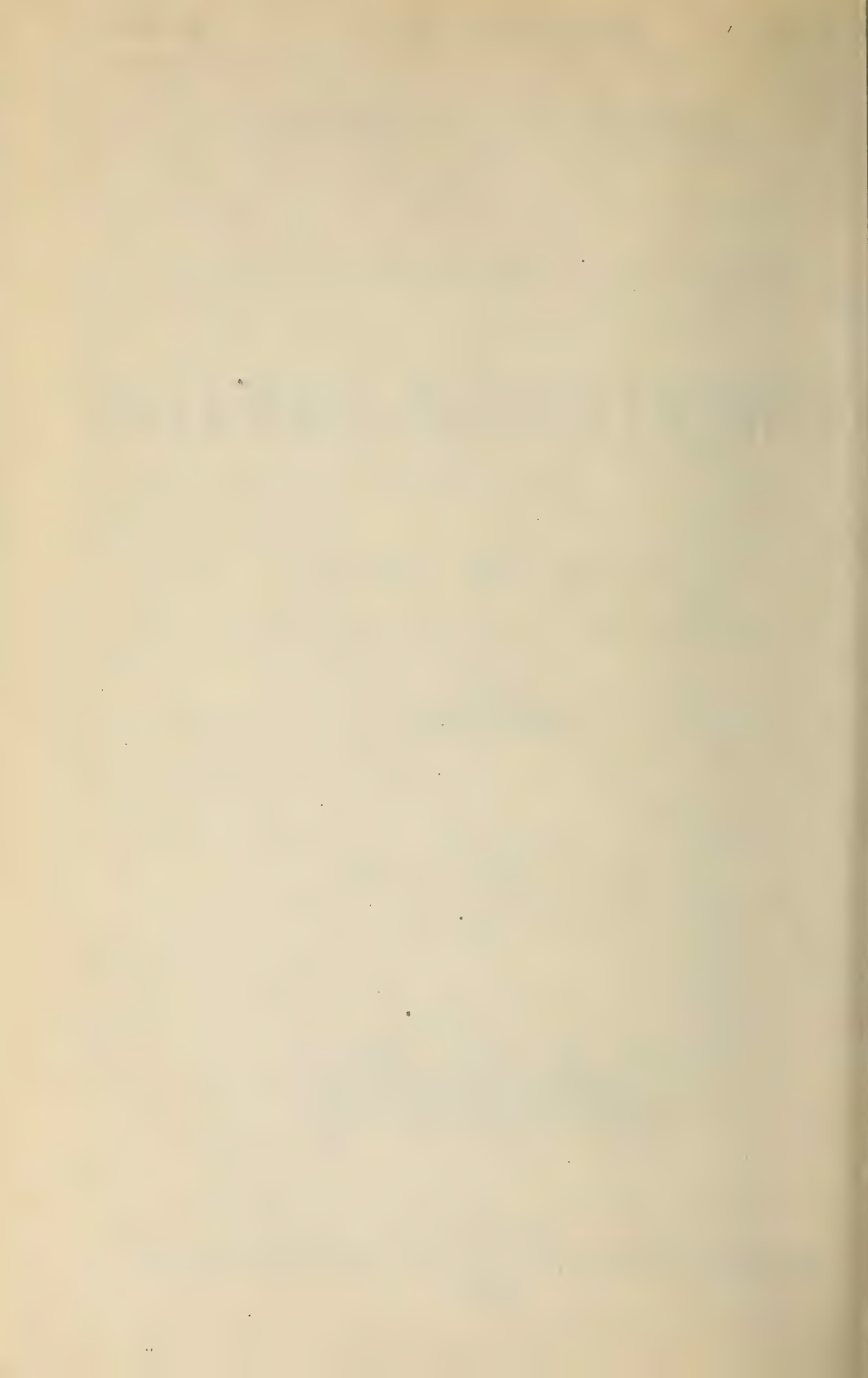
FOR THE YEAR

1884.

Printed by Order of Parliament.



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1885.



FIRST REPORT
OF THE
DEPUTY MINISTER OF FISHERIES,
FOR THE YEAR 1884.

To the Honourable

ARCHIBALD WOODBURY McLELAN,
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith a preliminary report on the Fisheries service of the Dominion for the past calendar year, together with statements of official transactions for the fiscal year ending 30th June, 1884.

Owing to the remoteness of several districts and the difficulty of access to others, it is impossible to collect and compile all the returns in time for submission to Parliament on its meeting.

In the Province of Ontario, fishing operations extend to the close of navigation, while in Nova Scotia, New Brunswick and Prince Edward Island, fishermen are actively engaged up to the end of the year. It is, however, expected that the returns will be available in season to admit of a complete report being issued, before the close of the Session.

ORGANIZATION OF THE DEPARTMENT OF FISHERIES.

The Statute 47 Vic., cap. 18, divided what was hitherto known as the Department of Marine and Fisheries into two Departments, to be respectively called the Department of Marine and the Department of Fisheries, over both of which the Minister of Marine and Fisheries, for the time being, shall preside and of which he shall have the management, charge and direction.

On the 1st July 1884, a Deputy Head was appointed, with the title of "Deputy Minister of Fisheries," and the necessary staff of officers allotted from what formerly constituted the Department of Marine and Fisheries.

DUTIES.

The duties of the Department of Fisheries consist principally in the administration of all laws relating to the subject of sea, coast or inland fisheries; the management, regulation and protection thereof, and all matters and things relating thereto assigned by the Governor in Council to the said Department.

Under this latter head is included the payment of Fishing Bounties, necessitating an enormous amount of labour which could not conveniently and satisfactorily be performed outside the Department.

PRODUCE OF THE FISHERIES.

The total value of the Fisheries of Canada, for the year 1884, may be approximately stated as follows:—

Nova Scotia	\$8,736,264
New Brunswick	3,730,453
Quebec (estimated)	1,800,000
British Columbia do	1,500,000
Ontario do	1,000,000
Prince Edward Island	1,086,004
Total	\$17,852,721

Showing a total value of \$17,852,721, exclusive of Manitoba and the North-West Territories, from which there are yet no returns.

The value for 1883 was given at \$16,958,192. This would probably show an increase of over \$1,000,000, were the yield of Manitoba and the North-West Territories added.

GENERAL REMARKS.

Nova Scotia.

From the returns already received, there are good grounds for expecting that the fisheries of this Province will not only maintain the improvement of the last few years but will show a large increase over any former year.

The indications are that, while this improvement will be found to embrace nearly all kinds of fish, it is expected to be most marked in mackerel, cod, herring and lobsters.

The encouragement offered by the bounty has largely increased the number of vessels and boats engaged in the deep-sea and shore fisheries. There will probably be a decreased catch of shad in Nova Scotia, but the falling off which marked the previous year's catch of alewives will be more than compensated by the improved catch of the past year.

Pollock, hake and haddock may possibly fall short, but this is to be attributed more to local causes than to a scarcity of these fish.

New Brunswick.

From this Province the returns now in would indicate a large increase in the yield of its fisheries.

A most gratifying feature of these returns is the general improvement shown in the salmon fishery, which extends to almost every district in which this fishery is pursued.

Bass, smelt, herring and lobsters will show largely increased catches.

Shad and alewives also share in the general improvement, but the sturgeon fishery will show a large falling off from former years.

In some districts the herring fishery will not be so productive, while in others will show a largely increased catch. This is no doubt due to the erratic movements of the schools of this fish, which, while never leaving our coasts, change their habitat according to temperature, weather and the location of their favourite food.

Quebec.

The late date at which the ice left in spring and the stormy weather which almost constantly prevailed in the Gulf during the fishing season of 1884, will cause considerable decrease in the catch of all kinds of fish.

Herring and lobsters may possibly show a slight increase.

The decrease in the catch of salmon on the south shore in Gaspé and Bonaventure will probably be more than counterbalanced by the increased catch on the north shore.

More interest than usual was taken in the mackerel fishery and considerable outlay was made by local fishermen; but the unfavourable weather doubtless affected the movements of the schools, which did not go to the west of Cape Breton, and the catch made was inconsiderable.

The inland fisheries will probably show a large decrease as compared with the catch of 1883.

This falling off, which was noticeable in almost every kind of fish, is due more to prevalence of contrary winds and stormy weather than to any scarcity of fish.

All the fishery overseers on the south shore agree upon this point.

On the north shore, especially in the Saguenay division, fishing was not carried so extensively as heretofore; other industries giving employment to the population.

Above Quebec, and in the interior, the stormy weather being less felt, the yield of the fisheries will be about the same as last year.

Prince Edward Island.

The stormy and unfavourable weather that prevailed in the Gulf extended also to the Straits, and had the same effect on the Island fisheries.

The returns will probably show a large falling off in all kinds of fish, but will be most marked in mackerel.

The single exception will be the lobster fishery, which, contrary to general expectation, has been good, and the returns will, in all likelihood, show a considerable increase over the very large catch of last year.

The enormous extent to which this fishery has been developed and the constantly increasing number of factories and fishermen have led to much confusion. It will be advisable, in the interest of this fishery, as well as of those engaged in it, to make such amendments in the Fisheries Act as will bring this and all other fisheries under the more effective control of the Department.

Ontario.

The total value of the fisheries in the Province of Ontario may be fairly estimated at \$1,000,000.

On Lake Superior and Georgian Bay, the individual catches will not much exceed those of last year, but the number of fishermen was larger and the aggregate yield must consequently have increased.

The severe stormy weather which prevailed during the first part of November greatly interfered with the fishermen's operations by damaging or destroying a large amount of twine and driving the runs of fish off the reefs; but it is expected that, on the whole, the result will be satisfactory.

A large increase in the catch of whitefish is expected on Lakes Erie and Ontario.

The early completion of the Canada Pacific Railway and the settlement of the country north of Lakes Huron and Superior will necessitate the appointment of additional officers to enforce the fishery laws and regulations and protect the valuable fish of these regions.

British Columbia.

No returns were received from the above named Province in time to be available for this report, but reliable information leads to the conclusion that a considerable increase in the yield will be shown.

A fish hatchery, measuring 100 x 40 feet, was built during last season on the Fraser River. It will easily accommodate 3,000,000 Quinnet salmon eggs, or 5,500,000 *Saw-quai* salmon ova. By doubling the trays, double this number of eggs can be laid down. The catching of parent salmon began about the beginning of July, and by the close of the season 3,000,000 eggs were on the trays. The operations, although novel, were highly successful and reflect credit upon the officer in charge, Mr. Thomas Mowat.

Manitoba and the North-West Territories.

The dates hitherto determined upon as close seasons for whitefish in the Province of Manitoba and the North-West Territories having proved utterly inadequate

ers will have to be substituted so as to afford full and complete protection to this valuable fish during its breeding season.

An Inspector, Mr. Alex. McQueen, of Winnipeg, vested with magisterial powers, has been appointed, as well as a resident Fishery Overseer, Mr. F. C. Gilchrist, of Port Qu'Appelle, for the Qu'Appelle district and vicinity. The system will be gradually extended, as circumstances may demand, and other officers located at places where most needed.

EXPENDITURE.

The total expenditure for the Fishery Service during the financial year ending 30 June, 1884, amounted to \$116,531.66, as follows:—

General service.....	\$69,011 06
Fish breeding.....	27,585 07
Maintenance of fisheries protection steamer, "La Canadienne".....	19,935 53

This expenditure is sub-divided as follows:—

Nova Scotia.

Fishery officers' salaries and disbursements..	\$15,600 01
Fish-breeding	4,728 11
	————— \$20,328 12

New Brunswick.

Fishery officers' salaries and disbursements..	\$14,388 02
Fish-breeding	2,327 06
	————— 16,715 08

Quebec.

Fishery officers' salaries and disbursements..	\$13,186 26
Fish-breeding.....	8,512 11
	————— 21,698 37

Prince Edward Island.

Fishery officers' salaries and disbursements..	\$2,767 98
Fish-breeding.....	771 40
	————— 3,539 38

British Columbia.

Fishery officer's salaries and disbursements..	\$2,231 97
Building Fish Hatchery.....	3,704 31
	————— 5,936 28

Ontario.

Fishery officers' salaries and disbursements..	\$15,192 73	
Fish-breeding	8,011 17	
		<hr/> 23,203 90

Manitoba.

Fishery officers' salaries and disbursements.....	872 40	
Fisheries protection vessel "La Canadienne".....	19,935 53	

Miscellaneous.

Legal and incidental expenses	\$1,003 72	
Advertising	63 66	
Fish-breeding, salary of Superintendent.....	1,999 96	
do building fishways, &c.....	1,235 26	
		<hr/> 4,302 60

Total.....\$116,531 66

The expenses incurred for fish culture are also sub-divided as follows, among eleven fish hatcheries :—

Ontario.

Newcastle.....	\$4,985 05	
Sandwich	3,026 12	
		<hr/> \$8,011 17

Quebec.

Tadoussac.....	\$2,232 25	
Gaspé Basin.....	1,932 43	
Magog.....	2,009 32	
Ristigouche (Quebec and New Brunswick). ..	2,338 11	
		<hr/> 8,512 11

Nova Scotia.

Bedford Basin.....	\$2,639 85	
Sydney	2,088 26	
		<hr/> 4,728 11

New Brunswick.

Miramichi.....	\$1,226 14	
St. John River.....	1,100 92	
		<hr/> 2,327 06

Prince Edward Island.

Dunk River.....	771 40	
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Miscellaneous.

Salary of Superintendent	\$1,999 96	
Building fish-ways and incidental expenses.	1,235 26	
		<u>3,235 22</u>
Total.....	\$27,585 07	

RECEIPTS.

The collections made during the fiscal year are arranged under the following heads:—

Ontario.

Rents, license fees and fines.....	\$11,345 14
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New-Brunswick.

Rents, taxes on nets, and fines.....	3,905 66
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Quebec.

Rents, license fees and fines..	2,715 02
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Nova Scotia.

Fishery licenses and fines.....	1,833 18
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British Columbia.

Salmon fishery licenses.....	127 50
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Prince Edward Island.

License fees.....	80 00
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\$20,006 50

LICENSES ISSUED.

The number of fishery licenses issued during the season of 1884 is as follows:—

Ontario.

Gill-net license.....	472	
Hoop-net do	75	
Pound-net do	111	
Seine do	304	
Angling permits.....	1,909	
Spearing licenses.....	72	
Dip-nets and night lines.....	46	
		<u>2,989</u>

<i>Quebec.</i>			
Salmon-net fishing licenses.....		367	
Brush-weir	do	45	
Eel-weir	do	8	
Seine	do	196	
Gill-net	do	175	
Dip-nets, hoop-nets, &c.....		143	
Pound-net licenses.....		2	
			<hr/>
			936
<i>New Brunswick.</i>			
Salmon-net fishing licenses.....		553	
Herring-weir	do	196	
Bass	do	228	
Smelt	do	1,146	
Sturgeon	do	33	
Trap-net	do	2	
			<hr/>
			2,168
<i>Nova Scotia.</i>			
Trap-net licenses.....			68
<i>British Columbia.</i>			
Salmon-net fishing licenses.....			30
Oyster fishery leases.....			2
<i>Prince Edward Island.</i>			
Trap-net licenses.....			2
			<hr/>
Total.....			6,195

FISH-BREEDING.

Twelve establishments for the artificial propagation of fish are now in actual operation in the several Provinces of the Dominion of Canada. These are at the present time largely filled with fish eggs, collected at various points throughout Canada during the spawning season of 1884. The Fraser River hatchery, in British Columbia, was only completed in time to receive the crop of eggs gathered in the fall of 1884, consequently returns of the distribution of fish will be given from the eleven other nurseries that were constructed previous to the season of 1884.

The total number of young fish of various kinds hatched and distributed from these eleven fish-breeding institutions, in 1884, amounted to 53,143,000, and the total quantity of fish eggs laid down in all the hatcheries during the fall of 1884 was 66,033,000.

The particular numbers and descriptions of young fish bred in each of the nurseries in the several Provinces during the season or spring of 1884, were as follows:—

Newcastle hatchery, Ontario.....	5,150,000	Salmon Trout.
do do do	50,000	Speckled “
do do do	3,500,000	Whitefish.
do do do	100,000	Black Bass.
Sandwich do do	27,000,000	Whitefish
do do do	10,000,000	Pickarel.
Tadoussac do Quebec.....	985,000	Salmon.
Gaspé do do	859,000	“
Magog do do	100,000	Salmon Trout.
Restigouche do do and New Brunswick.	940,000	Salmon.
Miramichi do New Brunswick.....	795,000	“
John River do do	811,000	“
Bedford do Nova Scotia.....	1,000,000	“
Sydney do do	853,000	“
Dunk River do Prince Edward Island.....	1,000,000	“
Total.....	53,143,000	

These were divided by species as follows:—

Salmon, <i>Salmo Solar</i>	7,243,000
Salmon Trout, <i>Salmo Namaycush</i>	5,250,000
Speckled Trout, <i>Salmo Fontinalis</i>	50,000
Whitefish, <i>Coregonus Albus</i>	30,500,000
Pickarel (Doré), <i>Lucioperca</i>	10,000,000
Black Bass, <i>Gristes Nigricans</i>	100,000

Grand total..... 53,143,000

The number and description of fish-eggs laid down in each of the hatcheries of the several Provinces during the spawning season, or fall of 1884, was as follows:—

Newcastle hatchery, Province of Ontario.....	4,000,000	Salmon Trout.
do do do do	50,000	Speckled “
do do do do	3,000,000	Whitefish.
Sandwich do do do	50,000,000	“
Tadoussac do do Quebec.....	775,000	Salmon.
Gaspé do do do	341,000	“
Magog do do do	No return.	
Restigouche do do do	700,000	“

Miramichi hatchery, Province of New Brunswick.....	1,000,000	Salmon.
St. John River do do do	156,000	"
Bedford do do Nova Scotia.....	800,000	"
Sydney do do Cape Breton.....	931,000	"
Dunk River do do P. E. Island	1,250,000	"
Fraser River do do British Columbia.....	3,000,000	"

Total fish-eggs of all kinds..... 66,033,600

These are divided by species as follows:—

Salmon, <i>Salmo Salar</i>	5 983,000
do <i>Salmo Quinnet</i>	3,000,000
Salmon Trout, <i>Salmo Namaycush</i>	4,000,000
Speckled Trout, <i>Salmo Fontinalis</i>	50,000
Whitefish, <i>Coregonus Albus</i>	53,000,000

Grand total..... 66,033,000

Full details of the operations at the several fish-breeding establishments in the Dominion, as also the returns from the several officers in charge of the hatcheries will be given in the general report now in course of preparation.

FISHING BOUNTIES.

The total number of Bounty Claims received in 1883 was 13,604. Of this number, 523 were rejected for non-compliance with the requirements of the law and instructions.

The total number of Claims paid during the above named year was 13,081; an increase of 1,109 over the year 1882.

The total amount of Bounties paid to vessels and boats was \$130,227.35.

The number of Vessels claiming the bounty was 902, with a tonnage of 34,544 tons, as against 116 vessels, with a tonnage of 6,938 tons, in 1882.

This large increase is chiefly made up in the Province of Nova Scotia and was the means of distributing among the owners and crews of that Province a sum of \$10,000 in excess of the previous year.

The number of Boats which received the bounty was 12,272, as against 11,225 in 1882; an increase of 1,047 boats.

Owing to the inadequacy of the grant, it was found impossible to continue the system of doubling the rate, inaugurated in 1882, and the former rate of \$2.50 per man had to be adhered to.

Full details showing the amounts paid to Vessels and Boats in each Province are given at pages 54 and following, of this report.

For the better information and guidance of fishermen claiming Bounty for the year 1884, and others engaged in the transmission of claims and the distribution of the money, the following circular was distributed amongst claimants :—

FISHING BOUNTIES, 1884.

INSTRUCTIONS TO CLAIMANTS.

Boats.

1. Claimants to fishing bounty must have been engaged at least three months in sea-fishing, exclusive of Salmon, shad, lobster and other fish and fisheries exempted from the operation of the Washington Treaty, and have caught not less than 2,500 pounds of sea-fish per man;
2. No bounty will be paid to boats measuring less than 14 feet keel, and not more than three men (the owner included) will be allowed as claimants in boats under 20 feet;
3. Dates and localities of fishing must be stated in the claim, as well as the quantity and kinds of sea-fish caught;
4. Ages of men must be given;
5. Returns must be sworn to as true and correct in all their particulars;
6. Only one claim will be allowed in each season, even though the claimant may have fished in two vessels, or in a vessel and a boat, or in two boats. Any person or persons detected making false returns will be debarred from participation in the bounty;
7. Claims must be filed on or before the 31st December;
8. Customs officers and fishery overseers will supply the requisite blanks free of charge, and after certifying the same, will transmit them to the Department of Fisheries.

Vessels.

9. Canadian registered vessels of 10 tons and upwards (up to 80 tons) which have been engaged during a period of three months in the catch of sea-fish not exempted under the Washington Treaty, are entitled to a bounty of \$2 per ton, one-half of which is payable to the owner or owners, and the other half to the crew;
10. Owners of vessels may, after the present season, and before proceeding on a fishing voyage, be required to procure a license from the nearest Collector of Customs who will, subsequently, grant a certificate stating that all the requirements of the Statute have been complied with, and upon this certificate being filed with the claim, the bounty will be paid;
11. Directions contained in paragraphs 3, 4, 5, 6, 7 and 8 apply to vessels as well as to boats.

APPENDIX B

Contains the report and expenditure in connection with the International Fisheries Exhibition, held in London in 1883, the result of which, as regards the Canadian Exhibit, cannot but be most gratifying to every Canadian.

Many of the most valuable specimens, which had been obtained at much trouble and cost, were brought back to Canada on the close of the Exhibition. The idea was suggested that they should be arranged at Ottawa as a permanent Exhibit, the

collection containing specimens of almost every fish that is found in Canadian waters. This was done, and the specimens arranged in the lower part of a building on O'Connor Street, known as the Victoria Hall, making a most interesting and instructive Exhibit.

Several thousand persons have visited the collection since it was opened to public in March last and have expressed great satisfaction therewith, and it is considered as affording much valuable information as to our Fish and Fisheries.

It is proposed to replenish the collection from time to time, and to this end an appropriation will be asked from Parliament, with a view to making the Canadian Fisheries Exhibit one of the permanent objects of interest at the Capital.

I have the honour to be, Sir,

Your obedient servant,

JOHN TILTON,

Deputy Minister of Fisheries.

DEPARTMENT OF FISHERIES,

OTTAWA, 31st December, 1884.

APPENDIX A.

STATEMENT of Fines imposed and moieties thereof received by the Department of Fisheries, for violations of the Fisheries Act and Regulations, during the Year 1884.

Names.	Nature and Place of Offence.	Amount of Pen- alty.	Amount received by Department.	Remarks.
		\$ cts.	\$ cts.	
R. J. Allen.....	Fishing with nets on Sunday at Niagara River	2 00	1 00	
L. Coreyel.....	Spearing fish at Lake Scugog, Ont	7 00	3 50	
Jesse King	do do	2 00	1 00	
Nicholas Mark	do do	1 00	0 50	
Geo. Tripp	do do	1 00	0 50	
S. Harrington	do in River Thames, Ont.....	5 00	2 50	
H. H. Symes.....	do do	5 00	2 50	
Wm. Oliver.....	do do	5 00	2 50	
Jerry Collins	Catching bass during close season.....	2 00	1 00	
Wm. Scicily	do do	2 00	1 00	
Wm. Mukem.....	do do	2 00	1 00	
Lyman Shaw	Spearing fish in River Thames.....	1 00	0 50	
T. T. Shaw.....	do do	1 00	0 50	
Adorum Ereringham	Fishing on Sunday in River Thames.....	5 00	2 50	
Jas. Moir.....	do do	5 00	2 50	
John McLeod.....	Allowing sawdust to fall into Saugeen River, Ont.....	5 00	5 00	
Noah Wingar.	do do	20 00	20 00	
Thos. Egan.....	do into stream at Tecum- seth, Ont.....	15 00	7 50	
Thos. White.....	do do	5 00	2 50	
Jas. Densmore.....	do do Mulmer.....	5 00	2 50	
Henry Welch	do do	5 00	2 50	
M. N. Stephens	do do Glencairn	5 00	2 50	
Jno. McClinchy	do do Tosorontio	15 00	7 50	
Jno. Smith.....	do do Poda Mills.....	20 00	10 00	
Jas. Greenly.....	do do Essa	25 00	12 50	
Solomon Conn.....	do do Carluke	10 00	5 00	
Beardmore & Co.....	Allowing refuse from tannery into stream at Acton, Ont.....	20 00	20 00	
James Moore	Allowing refuse into Credit River, Ont	20 00	20 00	
J. P. Speight.....	Allowing sawdust into Action Creek	20 00	20 00	
W. W. & Chas. Medler	Spearing fish at Rice Lake, Ont.....	50 00	25 00	
Sid. Wannamaker ..	Fishing during close season at Rice Lake...	20 00	10 00	Only one half fine realized on distress warrant.
Trueman Aldridge...	Allowing sawdust to escape into Muskoka River, Ont.....	50 00	49 70	
Herbert A. Richards.	Barring channel, Boyne River, Ont.....	1 00	1 00	
Paul Bissette.....	Having in possession illegally caught fish...	5 00	5 00	
Jos. Amner.....	Killing pickerel during close season at Georgian Bay Ont.....	5 00	5 00	
Wm. H. Graham	do do	5 00	5 00	
Cleophas Hubert.....	do do	5 00	5 00	
J. B. Smith.....	Allowing sawdust to escape into Mad River, Ont.....	5 00	5 00	
W. J. Hurd.....	do do	20 00	2 00	

STATEMENT of Fines imposed and moieties thereof received by the Department of Fisheries, &c.—Concluded.

Names.	Nature and Place of Offence.	Amount of Pen- alty.	Amount received by Department.	Remarks.
		\$ cts.	\$ cts.	
Chas. White.....	Neglecting to remove salmon fishing pickets, S. W. River, Gaspé, Que.....	1 00	1 00	
C. LeBoutillier.....	do do	1 00	1 00	
Philip Warren.....	Killing trout during close season, L. Pabos River, Que.....	1 00	1 00	
Sylvain Johnstone..	do do	1 00	1 00	
Horace Gagnon.....	Allowing sawdust to escape into Lake Mégantic, Que.....	5 00	5 00	
Chas. Dertilly	Fishing during close season at Lake Mégan- tic, Que	2 00	1 00	
Jno. Mulligan	Fishing during close season at Upper Ottawa, Que.....	2 00	1 00	
Thos. Copeland.....	Drifting for salmon, Restigouche River, Que.	10 00	10 00	
Geo. Shorey.....	Killing salmon during close time at Red Bank, Ristigouche River	5 00	5 00	
John Doyle.....	Setting net too close to mouth of brook at Ingonish, N.S.....	5 00	3 00	\$2 incurred in penses.
Jno. McInnis	Catching lobsters under size, North Wallace, N.S.....	5 00	5 00	
Z. Y. McKay.....	do South Wallace, N.S.....	5 00	5 00	
Albert Hobart	Allowing sawdust to escape into River at South Maitland, N.S.....	20 00	20 00	
C. E. Cossaboom	Having no gate in weir at Smith's Cove, N.S.	10 00	10 00	
Jno. Lockwood.....	Allowing sawdust to fall into Joggins River, N.S.....	20 00	20 00	
Absolom Hurlburt, jun.....	Fishing for salmon during weekly close time, Wilson's Lake, N.S.....	5 00	2 50	
Caleb Trefry.....	Fishing on Sunday at Wilson's Falls, N.S...	5 00	5 00	
J. White.....	Setting salmon nets illegally at Little River, C.B.....	5 00	5 00	
Jas. Logan.....	Throwing fish-offal overboard at Cow Bay, C. B.....	10 00	5 00	
W. McCharles	Spearing in Middle River, C. B.....	4 00	4 00	
Jno. McColm.....	Having in possession under sized bass at North Esk, N.B.....	20 00	16 12	\$11.64 of th fines was bursed by o seer in con tion with su
D. Dennett	Seining in Miramichi River, N.B.....	8 00	4 12	
John McColm	Having in possession grilse at North Esk, N.B.....	18 00	14 12	
Geo. Sutherland.....	Setting nets unlawfully, Miramichi River, N.B.....	1 00	1 00	
Allen Arbo.....	do do	1 00	1 00	
Daniel Lyons.....	Spearing in Miramichi River, N.B.....	1 00	1 00	
J. S. Fairly.....	Spearing at Rocky Brook Landing, N.B.....	4 00	4 00	
Lucas Poirier.....	Fishing smelts without license at Cocagne, N.B.....	1 00	1 00	
Wilfred Poirier.....	do do	1 00	1 00	
		579 00	454 06	

OTTAWA, 24th November 1884.

SIR,—I have the honour to submit a report of Canada's exhibit at the International Fisheries Exhibition, held in London, in 1883, compiled from the reports of the Board of Managers—Messrs. Wilmot, Joncas and Honeyman—together with a detailed statement of the expenditure incurred in connection with such exhibit.

I have the honour to be, Sir,

Your obedient servant,

W. D. DIMOCK,

Secretary.

The Hon. A. W. McLELAN,

Minister of Marine and Fisheries,

Ottawa.

APPENDIX B.

CANADA

—AT THE—

International Fisheries Exhibition.

The question of an International Fisheries Exhibition had been for some time before the minds of many of the leading and enterprising men of Great Britain. It took a definite and practical shape at a meeting called in the month of July, 1881, under the presidency of the Marquis of Exeter, "to fully discuss the holding of such an exhibition." Great enthusiasm was displayed by the nobility and gentry in this preliminary work. At a general assembly, presided over by H. R. H. the Prince of Wales, held on the 27th of February, 1882, it was finally decided that such an exhibition as proposed should be held. After an introductory speech by H. R. H. the Prince of Wales, it was moved by H. R. H. the Duke of Edinburgh, and carried amid applause: "That seeing the ever increasing importance of the fishing industry throughout the world, an International Fishery Exhibition should be held in London in 1883, under the patronage of Her Majesty the Queen, and the presidency of H. R. H. the Prince of Wales." This proposition was heartily endorsed by all present, and supported by approving speeches, especially by Sir A. T. Galt, G. C. M. G., High Commissioner of Canada, in London.

It was soon announced that Her Most Gracious Majesty the Queen had graciously consented to become the Patron of the Exhibition, H. R. H. the Prince of Wales the President and the Dukes of Edinburgh, Connaught and Albany were to be among the Vice-Presidents. Among the Vice-Presidents were also many of the noble and illustrious names in Great Britain and the Colonies. Canada being represented by the Right Hon. Sir John A. Macdonald, K. C. B., Premier of Canada, and Sir Alexander T. Galt, G. C. M. G., High Commissioner, and latterly by Sir Charles Tupper, K. C. M. G., High Commissioner.

The principal exhibits to be admitted were comprised in certain classifications, which were intended to include all specimens and kinds of fish life, and to illustrate all modes by which the marine and fresh water animals of economic value were captured and utilized, together with the commercial, social, scientific, historic and legislative aspects of such fisheries. To show the comprehensive scope of this great exhibition, the prospectus is herewith annexed:—

CLASSIFICATION.

CLASS I.—FISHING.

Sea Fishing.

Section I.

1. Gear of every description and of all nations used in trawl, herring, long line, hand line, and every other mode or system of fishing, including all new lines, hooks, harpoons, tackle, &c., employed in the same.
2. Oyster dredges, crab, lobster, prawn, &c., pots, and other appliances for catching fish of this description.
3. Fishing craft of all nations; models and representations of the same.
 - i. Steam fishing vessels and steam carriers.
 - ii. Fishing vessels and boats other than steam vessels.
4. Ropes and canvas suitable to fishing vessels.
5. Steam capstans, compasses, barometers, telescopes, lights, lamps, fog-horn, systems of signaling at night for fishing fleets and vessels, electric lights, luminous paint, and other equipment of fishing vessels, charts for fishermen.
6. Models of harbours, piers and slips, for fishing purposes.
7. Fishing tackle and netting in different stages of preparation, and machinery used for working up the raw material.
8. Life-boats, their equipment, and life-saving apparatus of every description.
9. Appliances and methods for breaking the force of the sea at the entrance of harbours and elsewhere.
10. Methods of communication from the shore to light-ships and fishing fleets by submarine cables.
11. Methods of protecting submarine cables from injury by fishing operations (illustrated by models and drawings).

Fresh Water Fishing.

Section II.

1. Salmon nets and fixed appliances for catching salmonidæ in all their varieties.
2. Salmon rods, reels, lines, artificial flies and baits, gaffs, spears, creels, &c.
3. Trout rods, reels, landing nets, lines, artificial flies, baits, baskets, bags, &c.
4. Pike, barbel and other coarse fish-rods, reels and tackle, artificial spinning baits, &c.
5. Traps, nets, bucks, wheels, and all kinds of apparatus for catching eels, lampreys, &c.
6. Hooks, &c.
7. Anglers' apparel of every description.
8. Boats, punts, cobs, collapsible, portable, &c., in models or otherwise.

NOTE.—The above classification is suggested as a convenient one for this class, but it is not intended to exclude any objects which come within the class.

CLASS II.—ECONOMIC CONDITION OF FISHERMEN.

1. Apparel and personal equipment.
2. Food and medicine chests.
3. Models and plans of dwellings.
4. Contracts of partnerships; insurances of life, boats, gear, &c., benefit societies.

CLASS III.—COMMERCIAL AND ECONOMIC.

1. Preparation, preservation, and utilization of fish.

(a) For edible purposes—

- i. Models of fish-curing establishments. Methods of, and models and other representations of any appliances for drying, curing, salting, smoking, tinning, cooking, &c.

- ii. Fish dried, smoked, cured, salted, tinned, or otherwise prepared for food.
- iii. All products prepared from fish, such as oils, roes, isinglass, &c.
- iv. Antiseptics suitable for preserving fish for food.
- (b) For other than edible purposes—
 - i. Oils, manures, and other products prepared from fish.
 - ii. Methods of, and models and other representations of appliances for, preparing oils and manures from fish.
 - iii. Sea and fresh water pearl shells; mother of pearl manufactured; pearls sorted.
 - iv. Preparation and application of sponges, corals, pearls, shells, and all parts and products of aquatic animals, &c., to purposes useful and ornamental, with specimens.
- 2. Transport and sale of fish.
 - (a) Appliances for carrying fish and for preserving fish during transport or otherwise, and models of the same.
 - (b) Models of fish markets, and appliances connected with the same.

CLASS IV.—FISH CULTURE.

- 1. Models or drawings of fish-hatching, breeding and rearing establishments, including oyster and other shell-fish grounds; and all apparatus and implements connected with the same, and for transporting fish and fish ova. Food for fry.
- 2. Representations illustrative of the development and progressive growth of fish.
- 3. Models and drawings of fish-passes and fish-ladders.
- 4. Scientific investigation.
 - i. Models and drawings of diseases of fish, with special reference to their origin and cure.
 - ii. Processes for rendering streams polluted by sewage and chemical or other works innocuous to fish life (illustrated by models and drawings).
 - iii. Physico-chemical investigation into those qualities of salt and fresh water which affect aquatic animals; investigation of the bottom of the sea and of lakes, shown by samples; aquatic plants in relation to fishing, &c.; researches into the aquatic fauna (animals of the several classes preserved in alcohol or prepared, &c.); apparatus and implements used in such researches.
- 5. Acclimatisation of fish.

CLASS V.—NATURAL HISTORY.

[*Aquaria.*]

- 1. Specimens, living (marine and fresh water), fresh, stuffed or preserved, casts, drawings and representations of—
 - (a) Algae arranged according to their various species and localities.
 - (b) Sponges, in their natural state.
 - (c) Corals, in their natural state, polyps, jelly-fish, &c.
 - (d) Entozoa.
 - (e) Mollusca of all kinds and shells not included in class 3.
 - (f) Starfishes, sea urchins, holothuræ.
 - (g) Worms used for bait, or noxious; leeches, &c.
 - (h) Perfect insects and larvæ of insects, which are destroyers of spawn or serve as food for fish.
 - (i) Crustacea of all kinds.
 - (k) Fish of all kinds.
 - (l) Reptiles, such as tortoises, turtles, terrapins, lizards, serpents, frogs, newts, &c.

- (m) Aquatic and other birds hostile to fish or fishing.
- (n) Aquatic and amphibious mammalia (otters, seals, &c.), and others detrimental to fish.
- 2. Works on ichthyology. Maps illustrating geographical distribution, migration &c., of fishes and spawn.
- 3. Specimens and representations illustrative of the relations between extinct and existing fishes.

CLASS VI.—HISTORY AND LITERATURE OF FISHING—FISHERY LAWS—FISH COMMERCE

- 1. Ancient fishing implements, or their reproductions, models, pictures, book emblems, charters and seals of ancient fishermen guilds.
- 2. Fishery laws of different countries.
- 3. Copies of treaties, conventions, &c., dealing with International fishery relations.
- 4. Reports, statistics and literature of fish, fishing and fisheries.
- 5. Reports on acclimatisation of fish, and of attempts in this direction.

CLASS VII.—LOAN COLLECTIONS.

Collections within the scope of the foregoing classes.

Foreign nations and all the colonial dependencies of Great Britain were immediately asked to co-operate in this great work, and to give all assistance possible, contributions or otherwise, to make the International Fisheries Exhibition a success and redound with something of practical utility to all concerned. The Dominion Government readily granted £500 to the prize list fund and through the Premier, who was in England while certain of the preliminary work was going on, promised to take as active a part in the exhibition and be present with as representative a display of the fisheries resources of the country as the short time for collecting and preparing the specimens would permit. The Parliament of Canada, when the matter was brought before it and the object and aims of the exhibition explained, immediately voted the necessary appropriation to enter upon the work.

The exhibit contemplated naturally came under the supervision of the Department of Marine and Fisheries and the Minister, the Hon. A. W. McLelan, at once took active measures to carry out the wish of Parliament to have a creditable representation of the fishing resources of the Dominion. He called to his aid the fishery inspectors of the different Provinces and others, and gave the direction of the work largely into the hands of Samuel Wilmot, Esq., Superintendent of Pisciculture, Canada. The Provinces were to supply whatever specimens were peculiar to each bearing upon the contemplated exhibition, and the work of collecting was chiefly performed by the following:—

Nova Scotia, W. H. Rogers, Esq., and Dr. Honeyman.

New Brunswick, W. H. Venning, Esq.

Prince Edward Island, J. H. Duvar, Esq.

Quebec, J. U. Gregory, Esq.

Ontario, S. Wilmot, Esq.

British Columbia, A. C. Anderson, Esq.

The work of these officers was indefatigable and highly creditable to one and all. Every suggestion for the success of the work was readily taken up and prosecuted with most praiseworthy vigor. Most valuable assistance came in from other sources, but as a general thing the whole onus of the work had to be borne by the Minister and the officers mentioned. Much credit is due to Hon. P. Fortin, who rendered valuable aid in obtaining specimens that exemplified the variety and great value of our deep-sea fisheries, and also the methods by which most of our economic and commercial fishes are taken. The Department is also indebted to Dr. Dawson, President of McGill University, for valuable specimens of marine invertebrate animals; to Robt. Morrow, Esq., Halifax, for five skeletons of the angler (*Cop*

scatorius), cod and other fishes; and to Wm. Saunders, Esq., President of the Ontario Entomological Society, for forty cases of "insects and larvæ of insects, which are destroyers of spawn or become food for fish."

The nature of the exhibition, its aim and object, were advertised throughout the Dominion as generally and as freely as possible. Circulars were sent, not only to the fisheries officers, but to the Provincial Governments and to those in responsible and permanent positions, who, it was thought, would take an interest in having Canada thoroughly represented in London. A great drawback in the matter of putting together a large collection of representative specimens was, not only the shortness of time for the work, but also the want of some institution or national museum from which collections of fish specimens could at once be obtained. With the exception of the few specimens most kindly loaned by the Ontario Entomological Society, by Laval University, Quebec, by the Provincial Museum, Nova Scotia, and the Prince Edward Island Government, the collection sent to London, as representative of our fisheries, had to be obtained by constant labour, and from new channels, by those to whom the work was entrusted. In this respect we were placed at a great disadvantage in comparison with our fellow competitors in the neighbouring Republic, who had the almost inexhaustible resources of the celebrated Smithsonian Institution and other national museums from which to draw the specimens required for their purpose. At similar future exhibitions we will not be so unprepared, as the specimens now in hand, that have been returned from London, will make a creditable nucleus for a museum in this branch of natural history. This new and unusual work was, therefore, accomplished with a greater expenditure than if the materials had been ready in hand, or if a longer time and a more favorable season of the year had been given for operations.

After the work of collecting had been about finished, a careful inspection of the specimens, as far as possible, was made, and they were ordered to Halifax, to be shipped by the SS. "Newfield," for London direct. The specimens so carefully prepared by J. H. Duvar, Esq., Inspector of Fisheries, of Prince Edward Island, were greatly injured by their long confinement in the "Northern Light," which steamer, with the Island specimens aboard, was caught and held in the ice off Georgetown for some ten weeks. The SS. "Newfield," Captain Guildford, sailed from Halifax on the 5th of April, with some 500 tons of specimens and material, and arrived safely in London on the 19th of the same month. The specimens bearing upon the fisheries of our Pacific coast were a most interesting collection, and were obtained through the indefatigable exertions of the late A. C. Anderson, Esq., Inspector of Fisheries for British Columbia, though valuable assistance was given by the salmon packers of the Province and others. His Excellency the Marquis of Lorne also contributed some specimens of barnacles and a large chiton collected by himself in that Province. All these specimens were forwarded by the ship "Latona," which sailed from Victoria on the 19th of December, 1882, and arrived in the Thames on the 12th of May following. These very fine specimens were considerably injured by the six months' sea voyage, and on this account did not show the great fishing industries of our Western Provinces to as good advantage as was intended by the inspector when he made his careful collection.

The *personnel* of the staff representing Canada at the exhibition consisted of the following:—

ADVISORY COMMISSIONERS.

Hon. A. W. McLelan, Minister of Marine and Fisheries.

Hon. Hugh Nelson.

Sir Charles Tupper, K.C.M.G., C.B., &c., &c.

Sir Alex. T. Galt, G.C.M.G., &c.

Sir Philip Cunliffe-Owen, K.C.M.G., C.B., C.T.E., &c.

Henry Coppinger Beeton, Esq.

BOARD OF MANAGERS.

Samuel Wilmot, Esq.
 Prof. Honeyman, D.C.L., F.R.S.C., &c.
 L. Z. Joncas, Esq.

JOINT SECRETARIES.

W. D. Dimmock, Esq., B.A.
 J. G. Colmer, Esq.

Those of the staff who first arrived in London immediately commenced to unpack the specimens and arrange them in position for the grand opening which was to take place on the 12th of May. A most eligible pavilion had been chosen for the display of the exhibits from Canada through the then High Commissioner, Sir Alex. T. Galt. The Canadian court, containing 10,000 square feet of floor room, with wall space to the full height of the building, was situated in the western part of the centre gallery running parallel to the United States court, from which it was separated by a narrow aisle. Adjoining the annexe was a small pond, afterwards utilized for our boat and canoes, beyond which was a terrace, with handsome shade trees, where was erected the birch-bark wigwam of our Milicete Indian, surrounded with the rude appliances for the capture of fish, as used by the Indians in this country.

The Executive Committee of the Fisheries Exhibition handed over to the respective nations their courts finished, but without decoration or ornamentation. The generous rivalry of the different exhibitors was apparent in the manner in which the courts were decorated. Canada was at very considerable expense to get up its department neatly and tastefully, and to decorate it in a manner becoming the position she expected to take. The issue showed that the expense incurred in this respect was necessary, and the general appearance of the court was most favourably commented upon by hundred of thousands of visitors during the six months the exhibition was open. The following memorandum, taken from the fourth edition of the *Official Catalogue*, issued by the Executive Committee, will give some faint idea of the general appearance of the court, after the very laborious work of unpacking and locating the specimens had been finished:—

"The collection of specimens from the Province of Prince Edward Island was unfortunately detained in the Government steamer 'Northern Light,' from the 9th of January until the 20th of March, and was much injured by this delay, and cannot therefore be exhibited in the condition in which it was shipped. The long voyage of the ship 'Latona,' around Cape Horn, from Victoria, from the 19th of December until the 12th of May, with the British Columbia specimens, has greatly injured also the exhibit of that distant Province of Canada.

"With few exceptions the specimens from Canada are shown and owned by the Dominion Government.

"In the centre of the Canadian court is erected a large trophy, representing the economic and commercial products of the fisheries of Canada.

"The form of the trophy is circular, with a base of 24 feet diameter, and a superstructure of 54 feet in height. The lower platform contains salted, cured and pickled fish of various kinds, as sent to the markets of the world. Pyramids of original packages and cans of salmon, lobsters, mackerel and other fish, are here shown as put up for export trade from British Columbia and the Atlantic Provinces. Above these are suspended in circular form smoked salmon, dried cod and other fish, with a large circle above hung with native lobsters in their natural and preserved state, surmounted again by more pyramids of canned goods and mounted fishes. Following up the structure is seen a stuffed beaver, the national emblem of Canada, upon whose back rests the great shield of Canada emblazoned with the insignia of the several Provinces of the Dominion, and encircled by another emblem, the maple leaf of Canada. Projecting outwards from this are representative illustrations of fishing implements, interwoven with nets, bunting, &c. Following upwards is the large blue banner with 'Canada' upon it, and the cross fishes, on the summit is the Crown of England.

"There is also in the inner part of the court a scientific trophy, containing illustrative specimens of marine mammals, fishes in alcohol, mollusca and crustacea."

Besides the specimens forwarded by the Government, and the few loaned by public institutions or private parties in Canada, quite an addition was made to the general exhibit by the agents of certain Canadian firms, resident in London. In his connection were thankfully received a large supplement to the Government exhibit of tinned fish of various kinds. Messrs. H. C. Breton & Co., of 36 Finsbury Circus, London, agents for some of the largest and best known canneries in British Columbia, filled two or more large glass cases with pyramidal heaps of canned salmon. Their exhibit was exceedingly well arranged, and attracted much attention. Henry Howard, Esq., 21 Lime street, London, agent for many brands of preserved lobsters from our Maritime Provinces and also for the celebrated Golden Crown Packing Company, Halifax, N.S., arranged a very large display of canned goods in such a manner that it was one of the most attractive features in the court. Both of these exhibits were awarded medals at the close of the exhibition.

Recognition is also here made of the kindness of friends of Canada in England, who loaned any exhibits for the decoration or improvement of the court. Lieut.-Gen. Hardy, R.A., a few years ago stationed at Halifax, now of Tonbridge, London, G.B., kindly loaned a miniature beaver house of most unique construction, and three or four oil paintings, his own work, representing fish-spearing by the Indians, and similar subjects, on one of the rivers of the Atlantic slope of the Province of Nova Scotia. M. A. Burrows, of Summer Hill, Ulverston, Lancashire, formerly of Port Rowan, Ontario, placed in the court a handsome model of a Canadian log house, situated on property owned by him four or five miles from Port Rowan, Long Point Bay, Lake Erie. It gave strangers a most favourable idea of the "log house" home of the early settlers of Canada. Messrs. H. C. Beeton & Co. also loaned a fine collection of photographic views of cities, towns, villages and magnificent natural scenery of the Province of British Columbia.

The ceremonies of the opening of the Exhibition on the 12th of May were carried out on a scale worthy of the illustrious Prince who, surrounded by nearly all the Royal Family, in Her Majesty's name, declared the Fisheries Exhibition open, and worthy of the place and occasion that had called so many distinguished personages together. Nearly 50,000 people were admitted by ticket on the opening day. The opening was attended by nearly all the members of the Royal Family, the ambassadors of foreign countries resident in London, the members of the British Cabinet, the Executive Committee of the exhibition, the foreign and colonial commissioners, and a large representation from the nobility and gentry of Great Britain. When the Prince of Wales and suite had taken their places, the Duke of Richmond and Gordon, President of the General Committee, read the following address:—

WILL IT PLEASE YOUR ROYAL HIGHNESS:

"The purpose of the International Fisheries Exhibition, which Your Royal Highness is graciously pleased to open this day, on behalf of Her Majesty the Queen, is to illustrate the present and past condition of one of the most ancient, extensive and important of industries, and to promote that careful collection and discussion of facts, by means of which alone we can hope to deal in a satisfactory manner with the many difficult, practical and scientific problems connected with fish and fisheries. These buildings, which, large as they are, have proved hardly adequate to contain the vast contributions which have poured in upon us, are stored with the animal productions of the seas and rivers of the habitable globe, and with the multitudinous contrivances devised by human ingenuity for their capture. Every article of commerce yielded by fisheries is represented, and the agencies by which these articles are transported, distributed and prepared for our use, are exemplified. On our premises the consumer may not only become acquainted with the organization of a fish market, but may form a judgement, based on practical examination, of the vast possibilities open to judicious fish cookery. The various modes of preserving and

multiplying aquatic animals, which come under the designation of fish culture, will be seen in action; while those who are interested in fishery law and in the history of fishing, will find that the subject of their studies has not been neglected.

"It has been our special aim to direct the attention of the public at large to the perils and hardships necessarily connected with the mode of life of those sea fishermen, by whose labours they profit so largely; and we are not without hope that the creation of a general interest in their affairs may have a favourable influence on the condition of the fishing population. The melancholy loss of life suffered by sea-faring people may certainly be diminished by the use of life-saving apparatus. The unprecedentedly large prize which we have offered for the best life-boat has stimulated the ingenuity of inventors, and we are able to afford the public the opportunity of examining an unequalled collection of life-boats and of life saving apparatus. It is obviously undesirable that the many experts who will be present during the exhibition should go away without being afforded the opportunity of exchanging views on the complicated and disputed questions which arise in connection with fish and fisheries; and we therefore propose that an International Fisheries Congress, for the discussion of such matters, shall be held during the exhibition. It would have been impossible for us to have got together anything comparable to the great mass of objects illustrative of fisheries which we are able to exhibit, without the countenance which has been afforded to us by Her Majesty's Government; and without the generous spirit in which our applications for aid, supported by the Foreign and Colonial Offices, have been met by the Government of foreign nations and those of our own colonies. The contributions to the exhibition derived from these sources, must be seen and studied, if their magnitude and importance are to be properly appreciated. We desire to take this earliest public opportunity of offering our thanks to the respective Governments, and to their able and zealous representatives in charge of the vast and available collections which have been entrusted to our care. Our thanks are also due to those Colonial Governments, public bodies and private supporters, who have not only made munificent donations to the general funds of the exhibition, but also, following the precedent of the exhibitions of 1851 and 1862, have become guarantors to a large amount and have thereby enabled us to carry out our undertaking. Finally, Sir, permit me to make our grateful acknowledgment to yourself, and to your Royal Brother, the Duke of Edinburgh, for the unwearied interest which Your Royal Highnesses have taken in our work; and we desire to offer our especial thanks for the very powerful and effective support which Your Royal Highness has, from the first, been pleased to give to an undertaking which, we trust, may not only promote the interests of fisheries, of fishermen, and of fish consumers, but may also confer a lasting benefit on the sea-faring population all over the world."

To this Address His Royal Highness responded as follows:—

"My Lord Duke, my Lords and Gentlemen :

"It gives me great pleasure to open this International Fisheries Exhibition on behalf of the Queen, although I feel assured that it is a matter of sincere regret to all present that Her Majesty finds herself unable to undertake a duty which it would have afforded her much gratification to have performed. In view of the rapid increase of the population in all civilized countries, and especially in these sea-girt kingdoms, a profound interest attaches to every industry which affects the supply of food; and in this respect the harvest of the sea is hardly less important than that of the land. I share your hope that the exhibition, now about to open, may afford the means of enabling practical fishermen to acquaint themselves with the latest improvements which have been made in their craft in all parts of the world: so that, without needless destruction, or avoidable waste of any kind, mankind may derive the fullest possible advantage from the bounty of the waters. I am glad that your attention has been directed to the condition of the fishing population. It is a subject in which my brother, the Duke of Edinburgh, was led to take a particular interest during his tenure of office as Admiral Superintendent of the Naval Reserve; and as he is compelled to be absent during the sittings of the Congress to which you allude, I shall

have the pleasure of reading a paper on this topic, which he has prepared, at the first meeting. Life-boats and life-saving apparatus undoubtedly fall strictly within the province of a fishery exhibition: but I may congratulate you on the circumstance that, without overstepping your proper limits, you have been able to confer a benefit, not only on all fishermen and all sailors by profession, but also on all who travel by sea; and in these days of rapid and extensive locomotion, this means a large proportion of civilized mankind.

"On behalf of the Queen, I add my thanks to those which you tender to the governments of foreign nations, and of our own colonies, for their coöperation; and to their representatives, whose untiring exertions you so justly acknowledge, I offer not only thanks, but an English welcome."

In the evening of the same day, at a grand banquet which was given by the Fishmonger's Guild of London, to commemorate the opening, His Royal Highness the Prince of Wales said, in replying to "the success of the Great International Fisheries Exhibition," when referring to the exhibit from this country: "The Canadian exhibit was specially remarkable and the products surpassed that of other countries." This expression of opinion from so illustrious a source, almost at the inception of the show, was exceedingly encouraging, and inspired confidence in those who had in hand the mounting and arrangement of the specimens. The Official Guide-book, issued by the authority of the executive committee of the exhibition, referring to the Canadian and United States courts, said: "These two great displays lie conjointly off the centre gallery, balancing the space occupied by Sweden and Norway, on the ground plan; and they afford, together or separately, piscatorial information of the highest character. For completeness of representation it is difficult to award the palm between them." That the appearance of the Canadian court at this exhibition, when all the specimens had been placed in position and named, was unique and brought out most practically the objects of the exhibition, can be readily seen by reference to the following extracts from English newspapers of the time.

"The Canadian court is one to which Englishmen may turn with a feeling of satisfaction, for it is a collection exemplifying the race characteristics that make Englishmen, Scotchmen and Irishmen good colonists. The sea fisheries of the Dominion of Canada, in their commercial and industrial aspect, receive various illustrations in the portions of the collection arranged under the care of L. Z. Joncas, one of the commissioners. The methods of artificial hatching are shown by the exhibits brought over in charge of Mr. Wilmot, whilst scientific preparations of great interest to the naturalists have been contributed by Dr. Honeyman. Canadian fishermen do much more than supply the demand of their home population, and there are to be seen here both the methods of preparing fish for export and models of a class of vessels specially built to carry this fish to Spain, Portugal, Italy and other countries. In one of the cases will be seen a breakfast delicacy not unknown to epicures in this country, the bright golden Digby Chicken, a small smoked herring prepared in Nova Scotia. At the end of the court are some very cleverly stuffed and mounted birds that live on or eat fish. Among the four-footed enemies of fish there are shown the otter, mink, muskrat, &c., and around the walls a remarkably fine collection of stuffed fish. These are only a few of the very many objects illustrating the natural history of the subject, and the commercial and industrial bearings. There are, for example, samples of fish oils used in medicine, for leather dressing and other purposes; there are specimens and models of the hooks, lines, nets, baits and gear used in the several fisheries, and fully fitted up boats; refrigerators in which may be seen, still fresh and in perfect condition, fishes that have been frozen since June, 1882.—London Times, 17th May, 1883.

"Separated from the United States by a narrow corridor is the court which exhibits the fishing resources of the Dominion of Canada. To a peculiar degree the exhibits speak for themselves to even an ordinary visitor. There are 250 admirably set specimens of fresh water fish. The natural history specimens, which begin with the lowest form of animal life and take us through the complete range of birds, beasts and fishes, are arranged in scientific order and with elaborate care. The trophy of

tinned and cured fish in the centre of the court denotes the commercial respect in which the Dominion holds the salmon, lobster, cod, herring, mackerel and other fishes as founders of a thriving industry."—*Daily News*, 19th May, 1883.

"The Canadian exhibits are shown alongside those of the United States and are quite as valuable. The Canadian section is particularly rich in methods for preserving fish, and there are also many general exhibits of practical and scientific value in the Canadian section."—*Glasgow Herald*, May, 1883.

"In the friendly international competition at South Kensington, for the credit of making the best show, the Canadians press closely upon their neighbors from the States. A central object in their display is a trophy of tinned lobster and salmon piles and strings of fish in a dried state and barrels of the same commodity in the wet. As in the American, so in this court, the exhibition for the culture of fish forms a prominent feature. There is an admirably set up lot of fresh water fish, and the specimens of sea fishes are not less interesting."—*Herts Guardian*, 16th June, 1883.

"The extent and variety of the general fisheries of Canada are co-extensive with its rivers, vast lakes and surrounding seas, and the illustrative exhibit is worthy of the Dominion and the contributors."—*Standard*, 21st June, 1883.

"The Canadian exhibits at the international exhibition of fisheries are in a scale of importance second to none, not even to those of the United States, and the display is of much and varied interest."—*Morning Post*, 6th July, 1883.

"The collection of preserved fish in the Canadian court has been long acknowledged to be the finest in the exhibition. Mr. Joncas tells how they are taken and cured and what industries they support, the general result being to show that the fisheries of the Dominion are second to none in the world."—*Liverpool Mercury*, July, 1883.

"Within the walls of the Fisheries Exhibition may be seen the methods and appliances used by the various nations in the culture, capture and preparation of the different kinds of fish. In this respect the Dominion of Canada is taking the lead, as she has one of the largest and most interesting displays in the buildings."—*Centaur*, 14th July, 1883.

"Next to Great Britain, Canada has probably the best display at the Fisheries Exhibition, which is, in itself, striking evidence of the energy and intelligence of her people, as well as showing the great natural resources with which nature has endowed her."—*Kent and Sussex Times*, 21st July, 1883.

"Of the greatest importance is the telegraphic system established by the Government of the Dominion, covering about 27,000 square miles of the most prolific fishing grounds around the coast of Canada. By this system all the stations are connected, and bulletins are displayed at the different telegraphic offices, and are distributed daily, indicating weather probabilities for the next twenty-four hours, and the existence of bait and of shoals of fishes in particular localities. Much assistance has in this way been rendered to fishermen, and the safe navigation of the river and gulf of St. Lawrence has been also greatly facilitated. In Canada alone we believe such a system is in force."—*Canadian Gazette*, July, 1883.

The object in view of those in charge of the exhibit was to present to foreign nations every phase of our great deep sea, river and lake fisheries, the commercial value of such, artificial propagation of such fish as attention had been given to since the establishment of our hatcheries, the various modes of capture and the methods of preparing our fish for home and foreign markets, either by drying, pickling, smoking, canning or freezing. That the object aimed at was, to a large extent, attained, may be gathered from the almost universal expression of opinion, that the Canadian court was the most practical, in its bearing upon the real object of the Exhibition, of all competing nations, from the large list of medals and awards obtained from competent and disinterested jurors.

It may be of interest to mention more in detail some of the leading lines of specimens exhibited, the manner in which they were shown, and how they ranked with similar specimens in other courts.

DRIED FISH.

This exhibit consisted of codfish, haddock, capelin, boneless cod and hake, cod, sturgeon and hake sounds, &c., &c. The samples were shown in large glass cases, and the cod especially, for soundness, preservation of color, taste, &c., were not equalled by any in the exhibition. Whilst other countries had to replace or supplement their stock from time to time, on account of deterioration in the damp atmosphere of London, the samples from Canada remained unchanged and uninjured during the whole exhibition. For this class of exhibits the highest awards and three gold medals were given. It is believed that considerable trade will yet spring up between Canada and the fish markets of England, from the introduction of our staple fish through the channel of the Fisheries Exhibition. Inquiries have already been made by reliable English houses for consignments of our dried, pickled and canned fish.

PICKLED FISH.

The samples of pickled fish were numerous, of great variety, well preserved, and were put up in barrels, half-barrels, kits or boxes. The wooden heads of the packages were taken out and glass ones substituted, so the whole exhibit was ever open to the public for inspection. The samples of this exhibit, from almost every Province of the Dominion, consisted of herring, mackerel, haddock, shad, salmon, trout, whitefish, eels, tongues and sounds, &c. These fish all kept well, as they were intentionally salted somewhat heavier than if they were to be placed at once on the markets, and received most favourable notice, not only from reliable fishmongers and practical fishermen, who frequently inspected them, but also from the jurors, who awarded the exhibit three gold medals, three silver medals and two diplomas of honour.

CANNED FISH.

One of the most attractive features of the Canadian branch of the Fisheries Exhibition was the immense quantities of fish of every variety canned for commercial use, indigenous to the waters of the country. The exhibit owned by the Government was, as already stated, largely increased by numerous samples brought in by the London agents of Canadian canneries. The whole show was very neatly arranged, and at night time, under the powerful electric light of the Court, some 20,000 candle power falling upon great pyramids of tins, with brightly coloured labels, the sight was beautiful and attractive. The canned goods consisted of some twenty different brands of salmon, mostly from British Columbia, mackerel, finnanhaddies, lobsters, clams, &c. One gold medal for the general exhibit was awarded, besides some five or six silver medals for individual samples.

SMOKED FISH.

The exhibit of smoked fish was small, and not as good as it might have been. Salmon, herring and oolághans, constituted the only samples. The Digby chickens were admired and, after they had been well introduced, were eagerly sought after. It was conceded that a profitable trade might be established in this line of fish, between Nova Scotia and the countries of the old world, that are constantly clamoring for "cheap fish for the millions."

The specimens of smoked salmon were poor. Some curious samples of smoked salmon were shown from British Columbia, as preserved by the process of smoking by the Indians of that Province.

FROZEN FISH.

Another very great attraction in the court, and one that was almost suspiciously viewed by the foreign visitor, were the three large freezers, constructed with glass fronts, filled with many varieties of frozen salt and fresh water fishes. There were salmon from the Restigouche River of 30 pounds and upwards, caught in June,

1883; halibut from Halifax harbour—one weighing 475 pounds, and another 271 pounds—cod, hake, bass, cusk, salmon trout, whitefish, pike, sturgeon, &c., &c. These freezers with their contents, all in a perfect state of preservation, drew vast crowds to the court, and doubts as to the soundness of the fish could only be dispelled by frequently giving away specimens for table use, to those who were skeptical as to the state of preservation. The report invariable was that the fish were fresh, sound in quality, and in a good state of preservation. At the close of the exhibition, samples were sent to the Prince of Wales, the Marquis of Hamilton, Sir Philip Cunliffe-Owen, Sir Charles Tupper, leading members of the Press, and some of the large caterers in London. All gave the most satisfactory reports of the condition of the fish.

A firm of the largest caterers in London was presented with a salmon from one of the freezers, at the close of the exhibition, and after testing it at a board of epicures, wrote :—

ROYAL AQUARIUM, WESTMINSTER, S. W.,
26th November, 1883.

DEAR SIR,—We have to acknowledge with many thanks, receipt of the salmon caught in New Brunswick in 1882 (June), and since preserved in the Canadian freezers.

It is a very fine specimen, and is in good condition.

Yours faithfully,

W. D. DIMOCK,
Secretary Canadian Court, I. F. E.

BERTRAM & ROBERTS.

OILS, GUANO, &c.

The collection of oils was of great variety, but with a few exceptions the samples arrived in poor condition. They all required careful classifying and straining yet were shown to the best possible advantage in glass jars especially obtained for the purpose. They consisted of samples of cod, porpoise, seal, whale, sturgeon, dog fish, oolâhan and shark oils. A gold medal was awarded for the exhibit of whale and porpoise oil.

The samples of fish guano, though not numerous, were of considerable variety gave more than average analyses as fertilizers, and the collection was awarded a silver medal. Samples were sent from the Burrard Inlet Fishing Company (Limited) British Columbia. The agents in London are Messrs. Bell, Harrison & Co., No. 1 Clement's Lane. These samples were composed entirely of small herring and herring offal, and were injured considerably by the length of time they were on the sea voyage from Victoria to London. Two good samples from the offal of fish were shown by Mr. Oakes, of Digby, N. S. Mr. Emil Bonnemant also exhibited good samples of fish offal manure from the coast of Gaspé. The analysis he received from Messrs. Wills & Wootton, analytical chemists, of Westminster College of Chemistry and Pharmacy, showed that it was most valuable for artificial manure, from the large proportion of nitrogenous matter and phosphoric acid, and that it would be applicable for the manufacture of isinglass, from the presence of 50 per cent. of gelatinoid matter. The largest and probably one of the best exhibits in this section, was shown by Mr. W. P. Colchester, of Ellershouse, Hants County, N. S., who manufactures it from herring and skate—in this latter case thus utilizing an almost worthless fish—on the island of Grand Manan, N. B. The analysis, which shows the samples to be unusually rich as a fertilizer, is from Mr. John Hughes, analytical chemist, 79 Mark Lane London. It is given here in full :—

	Herring.	Skate.
Water dried at 212°	24.03	8.23
* Organic matter	56.73	66.67
** Phosphoric acid	4.70	7.40
Lime	4.01	7.76
*** Alkaline salt.	10.37	9.38
Insol. sil. matter	0.16	0.56
	<u>100.00</u>	<u>100.00</u>
* Containing nitrogen	8.08	9.46
Equal to ammonia	9.81	11.48
** Equal to tribasic phosphate of lime	10.26	15.16
*** Contains chloride of sodium	<u>10.29</u>	<u>8.19</u>

FISH HATCHING APPARATUS.

In the whole exhibition, it is safe to say, that there was no more attractive nor interesting feature than the miniature fish hatchery in the Canadian court, in full working order, in which the hatching and rearing of salmon fry, up to 6 inches in length, was successfully carried on during the whole six months of the exhibition. Some 50,000 salmon eggs were taken to England from one of the hatcheries in Canada, and until about the middle of July hundreds were daily hatched before the public gaze. The continuous crowd of interested visitors around the hatching troughs frequently rendered the court impassable. Numbers of the fry were given to prominent proprietors of rivers and pisciculturists in England, and the balance, at the close of the exhibition, was presented to the authorities of the British Museum and placed in the Buckland Aquarium. The jurors gave a gold medal for "young salmon (some 20,000) hatched from eggs brought from Canada and grown up to parrs 4 and 6 inches long, during the period of the exhibition." They also awarded a gold medal, "to the best and most complete fish-breeding establishment in the exhibition," which was also taken by Canada.

SPECIMENS IN TAXIDERMY.

Canada stood pre-eminent among all other countries in her collection of stuffed specimens, which included mammals of her seas, birds destructive to fishes and almost every variety of fish that inhabits the seas, rivers or lakes of the Dominion. The largest mammal was a white whale (*bulga leucas*) of 2,000 lbs. weight, from the River St. Lawrence, which had been carefully mounted by J. U. Gregory, Esq., of Quebec. This specimen obtained the special honour of a gold medal, being the largest in the whole exhibition. The display of Greenland, square-flipper and other seals, of otters, beavers, minks, &c., was not excelled by any competitors.

Birds destructive to fish were neatly mounted in showy glass cases. In numbers there were some 200 specimens, and a large quota of these was made up of the loan collections of Laval University and the local Governments of Nova Scotia and Prince Edward Island, though the best part of the exhibit was obtained by the Department from Messrs. T. Y. Egan and Andrew Downs, of Halifax.

Among the hundreds of specimens of stuffed fishes were to be seen almost every variety found in our waters, but especially the higher order of edible fish, and those that are of economic and substantial commercial value. The fine *salmo solar* of the Atlantic and the huge *salmo quinnat* of the Pacific coast—two of the latter weighing respectively 73 pounds and 79 pounds—eclipsed all others in the exhibition. The large specimens of salmon trout—one nearly 70 pounds—the well-known whitefish (*coregonus albus*) of the lakes, the speckled trout of the Nipegon and other rivers in the west, and the sea trout of the Maritime Provinces, were greatly

admired. These, with such well-known commercial fish as the cod, herring, mackerel, striped bass, halibut and sturgeon, formed a most important feature in the court and gave publicity to the superiority of Canadian fishes over every other country competing at the International Fisheries Exhibition.

The collection of stuffed fishes received from the jurors the following flattering notice when they made up their report:—"In summing up the merits of the different collections of stuffed fishes exhibited by all countries which have taken part in this great international exhibition, your jurors cannot refrain from recognizing the superiority of the Canadian exhibit, from making a unanimous award in its favour and from recommending that the highest possible prize be given to it." The gold medal was awarded to Canada for the "best general collection of stuffed fishes in the exhibition," India coming second, with the silver medal, and New South Wales third with the bronze medal. In the same class of specimens for individual samples Canada also received seven other gold medals, besides a number of silver medals and diplomas.

FISHING BOATS AND MODELS OF BOATS.

The full-size fishing boats and the models of such, and the fishing steam tugs, as used on the great lakes of Canada, were considered fine specimens of marine architecture and much admired. The models of punts, dories, dug outs, lobster boats, seine boats, pinkeys, canoes and the ordinary fishing boats and schooners, were shown in large numbers, while there were also exhibited full-sized canoes, dories and fishing boats. Of the latter, one, built under the supervision of the Hon. P. Fortin after the model of a Gaspé fishing boat, was considered a splendid sea boat by the jurors, and well adapted for the purposes intended. Another, built at the instance of Henry Paint, Esq., M.P., by the Messrs. Embree & Sons, of Port Hawkesbury, Cape Breton, and thoroughly equipped and fitted out for fishing, was highly appreciated by all versed in marine architecture. Numerous applications were made for its purchase, and the Prince of Wales having taken a fancy to it, the boat was presented by the Minister of Marine and Fisheries to his Royal Highness, who most graciously accepted it. Special mention was made of this boat by the jurors, and it received the award of a gold medal. The steam fishing tugs used in the western lakes, representing the act of setting and taking up nets at the same time, was the admiration of the fishermen from every quarter who visited the exhibition. Photographs and drawings of them were quite generally taken. The "bankers" from Nova Scotia were considered fine models, and were thought not inferior to the best of American build that were shown at the exhibition. The samples of sporting canoes were considered gems, and were easily bought up at the close of the exhibition. They were furnished by the Ontario Canoe Company, and by other builders in Peterborough and vicinity. This splendid collection received the gold medal—the highest award of the jurors.

FISHWAYS AND FISH-LADDERS.

In this section Canada had very few samples—being represented only by Duvar's fishway for small trout streams and Rogers' well-known fish ladder. The collection certainly was small, when compared with the twenty or thirty different models exhibited by the United States. The model shown by W. H. Rogers, Esq., Inspector of Fisheries for Nova Scotia, was considered by many competent judges to be the best and most efficient, but the jurors thought differently, giving it a silver medal, while the gold medal was awarded to the United States.

NETS AND OTHER APPLIANCES FOR CATCHING FISH, CORDAGE, &c.

The display of nets was not so extensive as that made by other countries, which make the manufacture of fishing nets a staple industry of their people. In Canada there is really no extensive factory for the manufacture of nets. Our fishermen depend largely upon the United States or British markets for their supply. There

is no reason why the 16,000,000 of feet of nets, valued at some \$1,200,000, used in the capture of our fish—as reported for 1883—should not all be manufactured in Canada, and with profit too. Some very good specimens, though, were shown by Mr. J. Leckie, of Toronto, including whitefish and herring nets. The former were especially prized. Quite a number of nets were shown, but, as it was merely to exemplify the variety used in catching our fish, and as they were not all of Canadian manufacture, further reference to the exhibit is not necessary. Those prominently engaged in the manufacture of nets in Great Britain were surprised to learn that net factories were not in operation in Canada, and some were making careful enquiries with a view to the establishment of such.

Many primitive and curious specimens of nets, as used by the Indians of British Columbia, were on exhibition. These consisted in part of “draw-nets” for salmon made of Indian hemp, with a main line made of cedar bark; “poke-nets” for catching the coolsham, made of a nettle indigenous to the country, and “scoop nets” of the same material. Besides these nets, from the same Province were numerous spears, harpoons, gaffs, hooks, lines of cedar bark and kelp, &c., as used by the natives. The collection was so curious and unique that a gold medal was awarded it by the jurors.

From other Provinces there were good collections of weirs, traps of different kinds, oyster rakes, harpoons, spears and full and complete outfits of angler's requisites. The fishing tackle of Messrs. Alcock, Laight & Westwood, Toronto, was first-class, while the rods of Messrs. D. Scribner & Sons, St. John, N. B., were considered extra and were much appreciated by the sportsmen who examined them. They received high awards.

The cordage exhibited by the Dartmouth Ropewalk Co., though a small exhibit, was pronounced by the very competent jurors as of unusually good quality. The hemp and manilla ropes received a silver medal, and it is thought that if the exhibit had been larger and of the same quality, with information attached as to market prices, &c., the highest award would have been given.

ECONOMIC CONDITION OF FISHERMEN.

The various articles that it was the intention of the Executive Committee to show under this division of the prize list, were meagrely represented in the Canadian court. The samples of fishermen's “apparel and personal equipment” were inferior and the exhibit was small. What few articles were forwarded came from Inspector Duvar, of Prince Edward Island, and from Mr. Leckie, of Toronto. “Food and medicine chest,” “models and plans of dwellings,” “contracts of partnerships,” “benefit societies,” &c., were unrepresented by any noteworthy samples from Canada.

NATURAL HISTORY.

Besides the stuffed fishes already referred to, and which took so high a place in the exhibition, there were other varied and interesting specimens from almost every Province of the Dominion. Nearly all the commercial fishes of Canada were well shown, generally in alcohol—the salmon, trout, mackerel, ling, lobsters, being exceedingly fine specimens. A “scientific trophy” was erected in one part of the court, that contained, artistically and scientifically arranged, a great variety of specimens of marine mammals, fishes in alcohol, crustacea of all kinds, sponges, &c., &c. Many very fine specimens came from British Columbia. Those, perhaps, of the most scientific interest, were the alcoholic and dry samples of the *verillii blakeii*—a polyp called in honour of Drs. Verrill and Blake, and kindly furnished through Mr. G. Swan. The nature of the scientific collection, its variety and its extent will be understood by reference to the list of specimens annexed to this report.

The extent of the great exhibition may be realized, when we consider the number of nations that was represented. Nearly every foreign country in the world was on hand with exhibits and the British colonies and dependencies were well to the front. The number of commissioners and representatives amounted to 138;

and the foreign countries and British colonies and dependencies competing were thirty-seven, as follows:—United States of America, Austria-Hungary, Bahama, Belgium, Canada, Ceylon, Chili, China, Denmark, France, Gold Coast Colony, Germany, Greece, Hayti, Hawaii, Heligoland, India, Italy, Jamaica, Japan, Isle of Man, Morocco, Netherlands, Newfoundland, New South Wales, New Zealand, Norway, Persia, Russia, Salvador, Spain, Strait Settlements (including the Malay States), Sweden, Tasmania, Tunis, Venezuela, and Zanzibar.

Mr. Wilmot, in his report to the Department of Marine and Fisheries, says, in relation to Canada's position in the general competition:—

"It was pretty generally acknowledged that Canada, viewed from the practical standpoint, held quite an equal, if not the foremost, position amongst the foreign and colonial competitors at the great Fisheries Exhibition in London. The rank taken by her, also, in the number of first-class awards and gold medals, was most creditable. In the list of gold medals obtained, the United States stood first, Canada standing second, Norway and Sweden being the next in order, the remaining countries following in greatly lessened numbers of these awards.

"The whole of the exhibits in the Canadian court were entered and shown in the name of the "Dominion of Canada," thus presenting to the several jurors appointed to adjudicate upon the merits of the several exhibits but one name, or one exhibitor from Canada. On the other hand, the United States showed not only large collections in the name of the United States National Museum, and the United States Fish Commission, but also gave the names of 260 other exhibitors, with separate exhibits, who were permitted to receive awards or special mention from the jurors. Norway had also, inclusive of objects shown by public institutions and private individuals, the names of no fewer than 351 exhibitors who were entitled to awards; and Sweden, in like manner, had 293 exhibitors' names, with their individual exhibits laid before the jurors. In this way it will be seen that these countries possess many advantages over Canada in the awarding of medals by the several jurors, who in many instances, gave but one award for a "collective exhibit" of objects to Canada, whereas several medals were granted to similar collections in these other countries, by reason of the names of several exhibitors appearing with them; and these individual competitors had also the privilege of setting forth the merits of their separate exhibits before the Jurors.

"It must also be borne in mind, as bearing specially on the comparative position occupied by these countries for obtaining awards, that, in the general classification of exhibits of all kinds, as published, there were sixty-one divisions into which the various objects to be exhibited were classified. The United States were competitors in fifty-seven of these divisions; Canada competed in thirty-nine only. But notwithstanding all these evident drawbacks, the Dominion may feel well satisfied with the results obtained and the high position occupied by her at the great Fisheries Exposition in England."

Subjoined will be found a list, taken from the official catalogue of the exhibition of the specimens taken from Canada and arranged under the divisions to which they respectively belong. There will also be found a correct list of the gold, silver and bronze medals and the diplomas of honor, as awarded to Canada by the final court of jurors.

The court of appeal, to which any objection to the jurors' awards could be carried, was constituted in the early days of the Exhibition. The colonial representation in this court consisted of Sir Alex. T. Galt, who was succeeded by Sir Charles Tupper, after the latter had assumed the duties of High Commissioner; Sir Samuel, the Agent-General of New South Wales, and Sir Ambrose Shea, Commissioner of the colony of Newfoundland at the Fisheries Exhibition. The labors of this court were fortunately not very arduous, as the work of the jurors was generally satisfactory, but cases appealed to it received every possible attention and redress. Canada found it advantageous to be represented in the person of the High Commissioner at the court.

The great International Fisheries Exhibition is now a page in British history. The exhibition, for the success of which, on account of its limited scope when compared with other national expositions, fears were entertained, has passed away, and months ago one of the most unique, most successful and most instructive of the great national fairs that have been held in modern times, came to a brilliant close. Registering an attendance of some 3,700,000 during the six months it was open, carried on with an expense almost unknown in previous exhibitions, surrounded by a brilliancy of pageantry that royalty and royal support alone could bring, and resulting in a grand industrial, practical and financial success, the first really great International Fisheries Exhibition was closed in due form on the 31st of October, 1883. It is not too much to say that Canada has received good from the exhibition of the products of her fisheries, and from the experience gained by taking part in this great international competition. The extent of our fisheries, their great value, the variety of our fish and their almost unapproachable fine quality and flavor were, for the first time, brought to the notice of those in foreign countries who were interested in everything relating to the world's fisheries. On every hand, and almost daily, inquiries were made concerning our fisheries, their extent, value, method of capture, variety, artificial propagation, protective legislation and whatever related to them. Such inquiry was awakened that it cannot be doubted but that a commercial advantage will yet redound to the country that will repay for the trouble and expense consequent upon our exhibition in London. Our dried and pickled fish—certainly staple articles of our fish trade—were particularly sought after, and the details of preparing the same kind of fish for different markets were eagerly listened to. It was generally conceded that, with care in the first shipments, and with the largest obtainable specimens alone placed on the market, there was no obstacle to an extensive and profitable trade, especially between Canada and our Mother Country. The masses of Great Britain want cheaper fish. Such we can furnish in almost unlimited quantities; but, to a certain extent, we must educate the taste of the English people for the fish we have for exportation. In nothing is the Englishman so conservative as in his diet. When we have once proved to him the richness and delicacy of our cod, mackerel, salmon, white fish, &c., as placed in different forms upon our markets, then we are sure of success, and a profitable trade is guaranteed. The commencement of this easily-to-be-developed trade must be undertaken with judgment and with care. As stated, the best possible samples of our commercial and economic fish must first be presented. The demand once established for our choicest fish, an enormous trade must inevitably follow. There is no reason why the large trade of our distant Province of British Columbia, amounting to \$1,079,606.00, in canned salmon, sent almost entirely to the London markets, may not be equalled by the great variety of commercial fish taken in the eastern waters of the Dominion and profitably placed before purchasers in foreign countries. Our contribution to the Fisheries Exhibition has done much to hasten the time when such a trade as is referred to may be profitably engaged in.

Besides the substantial grounds for anticipating a future trade with the old country in many lines of our fisheries products by the publicity given to them through the late International Fisheries Exhibition, it is safe to say that the Dominion received as favourable and as extensive an advertisement by her representation at this exhibition as through any channel or from any source heretofore. The large map of the Dominion of Canada that was shown in Paris in 1878, carefully corrected for recent explorations and especially for the settlement of the North West along the line of the Canadian Pacific Railway, was conspicuously shown, and occupied all the space in the north end of the court. An officer was constantly in charge who, thoroughly conversant with the topography, climate, soil, &c., of the country, explained daily to the visiting thousands the nature of our Dominion, pointed out favourable lands for settlement, local inducements for such settlements, and did much to dissipate the erroneous idea that we were placed in a region of perpetual snow. Books and pamphlets bearing upon our Dominion were gratuitously circulated, with maps by thousands. It must not be forgotten

that the agents of the Canadian Pacific Railway were also most indefatigable in their efforts to advertise our North-West and to disseminate reliable information as to the sections of the Dominion in which they are more particularly interested. This they did very effectually by an excellent representative exhibit of the capabilities of both field and forest, and by the judicious distribution of books and guide manuals. Intending emigrants were daily in the court, intelligently inquiring about the chances of settling in Canada. Valuable information was, as far as possible, imparted to all such, and for more detailed accounts they were referred either to the office of the High Commissioner or that of the Canadian Pacific Railway. One class of people seemed especially interested in the great extent of our country, with its valuable agricultural resources and with our seas teeming with limitless supplies of food fishes—it was the farmer-fisherman, as he may be called—the agriculturist who was pleased to learn that in Canada he could successfully till the soil during part of the year, and at other times, from the water stretches near by, could get abundance of the best fish for himself and family and, to a considerable extent, could profitably place the products of sea, river or lake upon the neighboring market. This was particularly noted by many who pursued similar avocations in Great Britain and who had intentions of making homes in the Dominion. They were glad to learn that their own handicraft could be carried on, and with larger scope of operations, in the new country to which they contemplated removing.

This representation, then, at the International Fisheries Exhibition, has been a benefit to the Dominion, and an exhibition of our commercial wealth, in a heretofore unknown line, has been prominently brought before the people of many countries. The extent and fertility of our lands have long been before the inhabitants of old countries; the wealth of our forests and mines and the greatness and value of our merchant marine are well known, and now the inexhaustible and varied resources of our waters have been fairly represented. This must give a favorable publicity to Canada as a nation and yet greater confidence in her internal resources and growing institutions among capitalists and others of the old world.

In conclusion, there is but to acknowledge the uniform kindness, courtesy and attention received by the Canadian officials from all connected with the Executive Committee of the Fisheries Exhibition. Everything possible was done on the part of the Executive Management to expedite work in connection with the opening of the court and to further the interests of the Dominion throughout the whole show. For both official and personal kindness, the representatives of Canada are deeply grateful and under lasting obligations to those associated in any way with the management of the late great International Fisheries Exhibition.

APPENDIX A.

No detailed list of the Canadian exhibits appeared in the first edition of the official catalogue, published by the Executive Committee of the Fisheries Exhibition, as the specimens had not arrived at the date of publication, but in all subsequent editions the following was given, together with the annexed introductory remarks:

CANADA.

The Dominion of Canada, extending over half the continent of America, washed by the waters of three great oceans, and having within its confines innumerable rivers and lakes, stands almost unrivalled in the extent and variety of its fisheries.

What are generally known as the Maritime Provinces—Quebec, Nova Scotia, New Brunswick and Prince Edward Island—have every description of sea-fisheries, whilst their rivers furnish an abundance of food-fish of great economic and commercial value and offer to sportsmen some of the best salmon and trout fishing in the world.

The great inland Province of Ontario, from her vast lakes and rivers, supplies her own people and for export to other countries, large quantities of valuable freshwater fish; whilst the new Province of Manitoba and the whole of the great North

est Territory have innumerable lakes and rivers teeming with choice food-fish, which of great value to the settlers in that fertile region, while the rivers on the Pacific slope in British Columbia are literally full of salmon.

In a new country, where the machinery for obtaining official statistics is as yet somewhat imperfect, it is difficult to estimate with accuracy the annual value of the fish taken; besides, almost every farmer and settler near sea coast, lake or river, has a boat, net or other appliances for furnishing his household with fresh fish, the return of which is made to Government. The benefit of this great boon is especially felt by the settler, who often draws from the waters, within sight of his new home, supplies of rich fish for his family, even while his lands yield their rich harvests. The cash value of this widely-distributed privilege to the resident of Canada cannot be reached by the statistician, as his figures deal only with commercial transactions. The export of fresh fish is principally to the United States.

Of cured sea-fish, codfish, mackerel, herring, &c., large quantities are annually shipped to the West Indies, Spain, Portugal, Brazil and other countries. Lobsters and salmon, of which about 20,000,000 cans are packed, go mainly to the United States and Great Britain. The official returns show annually a steady increase in the value of the fisheries. In 1882 it reached the sum of \$16,088,672.

In some of the older sections of Canada, the former unrestricted fishing of streams, together with obstructions by mill-dams and otherwise, resulted in such depletion that the Government took up the matter, enacted laws for the regulation of inland fishing, provided for the erection of suitable fish ladders or passes in mill-dams, and have established eleven fish breeding establishments for restocking and maintaining, by artificial means, the supply in the rivers and lakes. The extent of fish culture in Canada, under the superintendence of Samuel Wilmot, Esq., may be judged by the output of young fish in the last season, viz.:—Salmon, 5,783,000; salmon trout, 2,277,000; Californian salmon placed in Eastern waters, 471,000; speckled trout, 40,000; percidæ, 26,500,000; whitefish, 20,728,000. Total, 55,799,000.

In this year's operations there have been placed in the hatcheries—salmon eggs, 312,000; salmon trout eggs, 8,350,000; speckled trout eggs, 200,000; whitefish eggs, 43,000,000. Total, 58,162,000.

To which may be added at the proper season 20,000,000 of the percidæ family. The total distribution of young fish since the commencement of fish-hatching operations has been upwards of 175,000,000.

Telegraph wires and cables have been laid to the principal fishing stations and harbors on the sea-coast and adjacent islands; and in addition to the ordinary signal service for all shipping, fishery bulletins are issued and immediate information given of the appearance of fish at any locality. The sea-coast, rivers and lakes are well provided with lighthouses. The official returns of December 31, 1882, show 551 lights and twenty-nine steam fog-whistles and automatic buoys. Seven Government steamers are employed in the lighthouse, buoy and fishery service.

The Meteorological service is very extensive and efficient, giving weather predictions at all the principal ports. During the year 1882, 6,545 predictions were issued, 90 per cent. of which were fully or partly verified.

W. D. DIMOCK, *Secretary.*

Division I.—Nets and traps of all kinds used in deep-sea fishing, including the peculiar nets used for taking the porpoise, herring scoops, gear for harpooning whales, trawls, hand lines, hooks, &c., &c. Also Brand's bomb lance. Loaned by Hon. P. Martin, of Quebec.

Division II.—Oyster dredges, tongs and rakes, lobster hoop-traps, cases, pots and barrels.

Divisions III. and IV.—(1) Representation of ice boats, dory full size, row, lobster and seine boats, pinkey, "trawler," sectional models of different kinds of fishing crafts, dugouts, &c. (2) Banker, full size and equipped, used in cod fisheries of Cape Breton coast, exhibited by Messrs. Embree & Son, Nova Scotia. (3) Gaspé fishing boat, full size, used in cod fishing off the Gaspé coast and on the Miscou

banks in the Gulf of St. Lawrence; containing nets, hand lines, long lines, mackerel lines, fishermen's clothing, &c. (4) Model of vessel used in transporting the dried and salted fish from the Gulf of St. Lawrence to foreign markets. (5) Model of the armed schooner "Le Canadienne," the first vessel employed in the protection of the fisheries of Canada. (6) Models of various kinds of boats, as used by the fishermen of the Maritime Provinces of Canada, are also exhibited.

Division V.—Cordage of all kinds, suitable for fishing vessels and for fishing purposes. Dartmouth Ropewalk Company, Nova Scotia.

Division VI.—Fog-horns—system of signalling fishing crafts at night.

Division IX.—Model of life-boat as used in Lake Ontario, designed and patented by Mr. J. H. Hatton.

Divisions XIII to XX.—Draw nets for salmon, ooláhan nets, traps for eel, alewife nets, hooks, fishermen's knives, spears, sinkers, floats, hand lines, rods, flies, gaffs, poke and scoop nets for salmon, bass and smelts, with fishing lines made of kelp, cedar bark and spruce, spinner's with "night-lure" as used by the native Indians in British Columbia. Rods, flies, reels and a general assortment of fishing tackle are shown by Messrs. Allcock, Laight & Co., Toronto; and the celebrated trout and salmon rods of D. Scribner & Son, St. John, New Brunswick, are also exhibited. Fishing and sporting canoes, made by Messrs. Stephenson, English, and others in Ontario, are shown in large numbers. Birch-bark canoes of the Micicete and Micma Indians. One of these can be seen daily on the little pond adjoining the Canadian court. Models of steam tugs and sail boats used in capturing fresh-water fish in the Province of Ontario and models of trap nets, as used in the same Province, are also exhibited.

Divisions XXI to XXIV.—Fishermen's outfits of all kinds; also contracts of agreement between employer and employee, as used especially in the Province of Prince Edward Island.

Division XXV.—i. Models of fish-curing establishments. Methods of, and models and other representations of appliances for, drying, curing, salting, smoking, tinning and cooking fish. Models of Gaspé and other fish-curing establishments, by Messrs. Chas. Robin & Co.

Division XXVI.—ii. Fish, dried, smoked, cured, salted, tinned, or otherwise prepared for food. Canned fish of all descriptions, especially salmon, from Victoria, British Columbia, from Findlay, Durham and Brodie, John Adair & Co., British American Cannery, British Union Cannery, Henry E. Croasdaile, Thomas Earle & Co., English & Co., Ewen & Co., Haigh & Sons, Inverness Cannery (agent, H. C. Beeton & Co., 36 Finsbury Circus, London), Laidlaw & Co., Richmond Cannery, Windsor Canning Company; and samples of preserved lobsters from the following firms, of which Henry Howard, 21 Lime Street, London, E. C., is the sole agent:—Bain J. D. Chatham, New Brunswick; Bennet Henry, Alberton, Prince Edward Island; Brown W. S., Newcastle, New Brunswick; Bulyea W. H., Alberton, Prince Edward Island; Clark, Roblee & Clark, Summerside, Prince Edward Island; Gallant D. D., Cocagne, New Brunswick; Golden Crown Packing Company, Halifax, N. S.; McPhail Neil, Magdalen Islands; Northumberland Packing Company, Church Point, New Brunswick; Petitpas Samuel, Fifteen Point, Prince Edward Island; Robichaud & Gagnon, Shemogue, New Brunswick; Young J. & R., Tracadie, New Brunswick; Young Robert, Caraquet, New Brunswick; and samples of preserved finnan haddies from Thistle Haddie Canning and Curing Company, Digby, Nova Scotia. (2) Codfish sounds and tongues, dried and salted. (3) Salted salmon trout, salmon, herring, halibut, sea trout, fresh water trout, white fish, alewives, Labrador herring, shad, cod fish sounds and tongues, eels, sardines, &c. (4) Boneless cod and boneless haddock, specially prepared, in Prince Edward Island and sent to West Indies and other markets, smoked salmon, smoked trout, smoked herring (well known as Nova Scotia Digby chickens).

Large, medium and small-size dried codfish, known as Gaspé dried cod, prepared for Brazil and Mediterranean markets, by Chas. Robin & Co., Quebec.

Small dried codfish in drums, known as Gaspé small dried cod, as prepared for Brazilian market, by J. and E. Collas, Gaspé.

Dried codfish, hake, cusk, haddock, &c., in boxes, as prepared for West Indies markets, by Bremner & Hart, Halifax, N.S.

Division XXVII.—Sturgeon, hake and codfish, dried sounds, specially used in making isinglass

Division XXIX.—Oils of all kinds, such as whale oil, white and black porpoise oil, crude and refined cod liver oil, crude, refined and prepared for medicinal purposes, seal oil, sturgeon oil, &c., &c. Zingler's patent-guano from fish offal, from Skeena River, British Columbia; H. C. Beeton & Co., 36 Finsbury Circus, E.C.

Division XXXIII.—(1) A fish carrying box, on small track wheels, used in Ontario on fishing tugs and railways for carrying several tons of fresh fish in ice direct from the fishing stations to distant markets. J. Leckie, Toronto. (2) Two large freezers for preserving fresh fish in a frozen state for any period of time, containing frozen salmon caught in June and July, 1882, and two large halibut, since March last, one weighing 475 lbs.; also containing cod, mackerel, bass, trout, cusk and other fish, all in good preservation.

A freezer, for freezing and preserving fresh fish in cakes of ice, containing samples of fresh water fishes. C. W. Gauthier, Sandwich, Ont.

A refrigerator, for keeping fish, meat, fruit, &c. (unfrozen), fresh and sweet for length of time. Witherow & Hillock, Toronto.

A novel ice house, built with paper walls, inside the Canadian court, containing some sixty tons of ice, brought from Canada, for supplying the Canadian freezers and refrigerators during the exhibition. Designed by S. Wilmot, Esq.

Division XXXV.—XLI.—(1) A working model, showing the exact working of the Government fish breeding establishments in Canada. (2) A working section of all size fish breeding troughs and trays, in running operation, in which upwards of 10,000 salmon eggs were safely hatched into healthy fry during the exhibition. (3) Glass and metal fish incubators, in full operation, for hatching corregoni and other fish ova of the smaller kinds than salmon eggs, each incubator having 5,000 of ova. (4) Fish egg carriers in various forms, for transporting eggs short or long distances—one of which, by a process of retardation, conveyed the ova safely across the Atlantic, which were hatched out in the Canadian court. (5) Fish breeding apparatus of all kinds, including troughs, trays of glass, zinc and tin, safety cans, perforated guards, cans for carrying young fish long distances, cleansers, washers, &c., &c. &c. (6) A plaster model or bird's eye view of a Canadian salmon breeding establishment, showing the fresh water ponds and reservoirs for rearing fry, the buildings in which hatching is carried on, and the salt water reservoir in which some 300 parent salmon are annually kept from May till November in a perfectly healthy state. Oil paintings and photographs of the several hatcheries in Canada. NOTE.—All the above-named fish-breeding appliances were originally designed and constructed by S. Wilmot, Esq.

A model, with drawings of the latest Canadian invention of a fish ladder or salmon pass, which permits of an underground (water) passage for salmon, to surmount dams or other barriers with great success. W. H. Rogers, Esq., Nova Scotia.

Models of fish ladders. J. H. Duvar, Esq., Prince Edward Island.

(1) A model, and also a full-sized salmon register, for registering, by means of a lock dial, the number of salmon passing up a river or other waters. This register has been in actual use and practically tested with satisfaction and accuracy in Canadian rivers. Hon. D. E. Price, Quebec. (2) Specimens of acclimatised salmon from the salt waters of the Pacific to the fresh water lakes and streams of Ontario, by S. Wilmot, Esq.

Division XLII.—A large collection of algæ, arranged according to the various species and localities. Some of these specimens are new to scientists, and have consequently not yet been named. Prof. J. Macoun, Ottawa.

Division XLIII.—A collection of dry sponges, from Principal Dawson, Montreal. A collection, both dry and in alcohol, from Prof. Honeyman, Halifax.

Division XLIV.—Corals, in both dry and alcoholic collections. Also polyps and jelly fish.

Division XLV.—Collection of entozoa of fishes, from Robert Morrow, Esq. Halifax.

Division XLVI.—Mollusca (dry and alcoholic), from Nova Scotia Museum, and from Principal Dawson, Montreal.

Division XLVII.—Sea urchins and holothuria, both dry and alcoholic collections.

Division XLVIII.—Aphrodite aculeata ($6\frac{1}{2}$ inches long) and nereidæ.

Division XLIX.—Insects and larvæ of insects which are destroyers of spawn or become food for fish. A collection of forty cases, consisting of:—(1) Twenty cases of lepidoptera. (2) Five cases of neuroptera. (3) Two cases of diptera. (4) Ten cases of coleoptera. (5) Two cases of hymenoptera. (6) One case of hemiptera. From Entomological Society of Ontario.

Division L.—Collection of crustacea—dry. From Principal Dawson, Montreal.

Division LI.—(1) Fish of all kinds stuffed, some of the skins having stood the test of ten years' exposure without injury, comprising many of the fresh-water fishes of the great inland lakes of Ontario and of other lakes and rivers in Canada, including large specimens of salmon from British Columbia, of 75 lbs. and upwards. Amongst these are acclimatised *salmo salar* of Lake Ontario and *salmo quinnat* from the Pacific coast. Salmon trout, weighing 70 lbs.; muscalonge, 42 lbs.; the famous *corregonus albus*, or whitefish, of Canadian lakes, herring salmon; brook trout of 5 lbs.; pickerel or dore; black, white, and green bass; sturgeon and their young, a shovel-nosed sturgeon, 6 feet in length, winnoniche, carp, cat-fish, pike, salmon and trout from the Lower Provinces; codfish of 68 and 70 lbs.; shad, mackerel, herring, &c.; also a white porpoise or whale, 2,000 lbs.; a greenland shark, 12 feet long and others of the shark species of great size; halibut of 220 lbs., and upwards, and various other specimens of sea and fresh-water fishes. (2) Skeletons of *lophius piscatorius*, the angler fish, and of the head of a codfish, exhibited by Robert Morrow, Esq., of Halifax, N.S. (3) A large collection of fishes preserved in alcohol and otherwise, including many of the known fishes of the waters of Canada, scientifically arranged, named, and classified. (4) Paintings, drawings, and photographs of fishes, by Prof. Fowler, Montreal. Varieties of fish are shown in glass cases, with photographs of such from British Columbia, also barnacles and other interesting specimens gathered and forwarded by the Marquis of Lorne.

Division LII.—Alcoholic collection.

Division LIII.—This collection consists of—(1) *Raptores*. White-headed eagle and ospreys (old and young). (2) *Grallatores*, coots, herons, egrets, sandpipers, turnstones, godwits. (3) *Natatores*, razor-bill, puffins, guillemots, divers (old and young) loons, &c. Gulls, terns, cormorants. Gannets, sea-ducks, eider ducks, sheldrakes, canvas-back duck and golden eye. Many of these have been lent from the Museum of Laval University of Quebec.

Division LIV.—Aquatic and amphibious mammalia in large numbers, consisting of taxidermal specimens of otters, fishes, minks, muskrats, weasels, seals; also, the famous white whale of the Gulf of St. Lawrence (the specimen shown weighing 2,000 lbs.), with basking, thresher, Greenland and white sharks, one of the Greenland sharks reaching the enormous weight of 600 lbs.

Division LV.—Maps of Canada, with fishing weirs carefully marked. Charts of the Provinces of Prince Edward Island and British Columbia. Transactions of the Nova Scotia Institution of Natural Science. Reports of the fisheries of Canada, and of the progress made in fish culture, with maps illustrative of the same, also a mammoth map of the Dominion of Canada, 15 feet by 30 feet, illustrative of the great agricultural, mineral and fishery sections of the country.

Division LVI.—Specimens showing the relation between extinct and living fishes, are shown in the collection of Devonian, Carboniferous and Post-pliocene fossils, with fishes (cetacea and mollusca).

Besides the exhibits specified, may be found many others, one of the most attractive being a complete Milicete Indian encampment. The rude appliances of the North American Indian for taking fish are shown, while the wigwam of birch-bark

is of full size and complete in every detail that is required to make up the Indian fisherman's home. On the same terrace are shown the handsome anglers' tents of the International Tent and Awning Company of Ottawa.

APPENDIX B.

Besides the prizes offered by the Executive Committee of the exhibition for specimens bearing upon the fisheries of the world and the very valuable awards for the best essays upon subjects pertinent to the scope of the exhibition authorities of distinction were asked to compile a series of cheap handbooks upon subjects connected with fisheries, which were sold by thousands during the exhibition, and are now useful reference books. In addition, the Committee also arranged a series of conferences, at each of which one or more papers were read, which were afterwards debated with interest and profit. The last conference was held on the 12th of June, when His Royal Highness the Duke of Edinburgh contributed a masterly paper upon "the sea fisheries and the fishing population of the United Kingdom." During the conferences a very good paper on "the fisheries of the Dominion of Canada" was read by one of the Canadian representatives, Mr. L. Z. Joncas. This paper was well spoken of by the press and contributed not a little to the success and popularity of the Canadian court at the exhibition.

A list of the conference papers and handbooks, as published by the Executive Committee, is hereto attached. All can be obtained for the prices mentioned, from Messrs. Wm. Clowes & Sons (Limited) 13 Charing Cross, S. W., London, G. B.

Fishery Laws.—By Frederick Pollock, Barrister-at-Law, M. A. (Oxon), Hon. L. L. D., (Edin.); Corpus Christi Professor of Jurisprudence in the University of Oxford. 1s.

Zoology and Food Fishes.—By George B. Howes, Demonstrator of Biology, Normal School of Science and Royal School of Mines, South Kensington. 1s.

British Marine and Freshwater Fishes (Illustrated.) By W. S. Saville Kent, F. L. S., F. Z. S., author of Official Guide Books to the Brighton, Manchester and Westminster Aquaria. 1s.

Apparatus for Fishing.—By E. W. H. Holdsworth, F. L. S., F. Z. S., Special Commissioner for Juries, International Fisheries Exhibition; author of "Deep Sea Fisheries and Fishing Boats, British Industries, Sea Fisheries," &c. 1s.

The British Fish Trade.—By His Excellency Spencer Walpole, Lieut.-Governor of the Isle of Man. 1s.

The Unappreciated Fisher-Folk.—By James G. Bertram, author of "The Harvest of the Sea." 1s.

The Salmon Fisheries (Illustrated).—By C. E. Fryer, Assistant Inspector of Salmon Fisheries, Home Office. 1s.

Sea Monsters Unmasked (Illustrated).—By Henry Lee, F.L.S. 1s.

The Angling and Preservation Societies of London and the Provinces.—By J. P. Wheeldon, late Angling Editor of "Bell's Life." 1s.

The History of Fishing from the earliest times.—By W. M. Adams, M.A. (Oxon), late Fellow of New College. 1s.

Fish Culture (Illustrated).—By Francis Day, F.L.S., Commissioner from India to International Fisheries Exhibition. 1s.

Fish as a Diet.—By W. Stephen Mitchell, M.A. (Cantab). 1s.

Angling in Great Britain.—By Wm. Senior ("Red Spinner"). 1s.

Edible Crustacea.—By W. Saville Kent, F.L.S., F.Z.S., author of Official Guidebooks to the Brighton, Manchester and Westminster Aquaria. 1s.

Indian Fish and Fishing (Illustrated).—By Francis Day, F.L.S., Commissioner for India to the International Fisheries Exhibition. 1s.

The Literature of Sea and River Fishing.—By Jno. J. Marley, M.A. (Oxon). 1s.

Folk-Lore of Fishes; their Place in Fable.

Fairy Tale, Myth and Poetry.—By Phil. Robinson. 1s.

- The Outcome of the Exhibition.*—By A. J. R. Trendall, of the Inner Temple, Barrister at-Law, Literary Superintendent for the Fisheries Exhibition. 1s.
- Inaugural Meeting: Address.*—By Prof. Huxley, P.R.S.; H.R.H. the Prince of Wales (President of the Commission) in the Chair. 6d.
- Notes on the Sea Fisheries and Fishing Population of the United Kingdom.*—By H.R.H. the Duke of Edinburgh, K.G. 1s.
- The Fishery Industries of the United States.*—By Prof. Brown Goode, M.A. 6d.
- Oyster Culture and Oyster Fisheries in the Netherlands.*—By Prof. Hubrecht. 6d.
- Principles of Fishery Legislation.*—By Rt. Hon. G. Shaw Lefevre, M.P. 6d.
- On the Culture of Salmonidae and the Acclimatisation of Fish.*—By Sir James Gibson Maitland, Bart. 6d.
- Fish Diseases.*—By Prof. Huxley, P.R.S. 6d.
- The Economic Condition of Fishermen.*—By Prof. Leoné Levi.
- The Fisheries of the Dominion of Canada.*—By L. Z. Joncas. 6d.
- Preservation of Fish Life in Rivers, by the Exclusion of Town Sewage.*—By the Hon. W. F. B. Massey Mainwaring. 6d.
- Molluscs, Mussels, Whelks, &c., used for Food or Bait.*—By Chas. Harding. 6d.
- Coarse Fish Culture.*—By R. B. Marston. 6d.
- On the Food of Fishes.*—By Dr. F. Day. 6d.
- The Herring Fisheries of Scotland.*—By R. W. Duff, M.P. 6d.
- Line Fishing.*—By C. M. Mundahl. 6d.
- Fish Transport and Fish Markets.*—By His Excellency Spencer Walpole. 6d.
- Forest Protection and Shelter.*—By D. Howitz, Esq. 6d.
- Seal Fisheries.*—By Capt. Temple. 6d.
- Fish as Food.*—By Sir Henry Thompson. 6d.
- Storm Warnings.*—By R. H. Scott. 6d.
- On the Destruction of Fish and other Aquatic Animals by Internal Parasites.*—By Prof. Cobbold, F.R.S., F.L.S. 6d.
- Artificial Culture of Lobsters.*—By W. Saville Kent. 6d.
- Crustacea.*—By T. Cornish. 6d.
- Salmon and Salmon Fisheries.*—By David Milne Home, F.R.S.E. 6d.
- Scientific Results of the Exhibition.* By Professor C. Ray Lankester. 6d.
- The Fisheries of other Countries.*—By Commissioners for Sweden, Norway, Spain, &c. who took part in the Conference. 6d.
- Pilchard and Mackerel Fisheries.*—By T. Cornish. 6d.
- Fresh water Fishing (other than salmon).*—By J. P. Wheeldon. 6d.
- Basis for Legislation on Fishery Questions.*—By Lieut.-Col. F. G. Solà. 6d.
- Trawling.*—By Alfred Ansell. 6d.
- A National Fishery Society for Great Britain.*—By C. E. Fryer.
- On Facilities for the Improved Capture and Economic Transmission of Sea Fishes, and how these matters affect Irish Fisheries.*—By R. F. Walsh, of Kinsale. 6d.
- The Fisheries of Ireland.*—By Y. C. Bloomfield. 6d.

INTERNATIONAL FISHERIES EXHIBITION.

STATEMENT of Expenditure to 30th June, 1884.

		\$ cts.	\$ cts.
J. H. Duvar.....	Procuring specimens, etc.....	1,199 86	
W. H. Rogers.....	do	1,250 00	
Samuel Wilmot.....	do	2,800 00	
A. C. Anderson.....	do	1,100 00	
J. U. Gregory.....	do	2,179 99	
W. F. Whitcher.....	do	300 00	
J. H. Harding.....	do	400 00	
H. W. Johnston.....	do	1,419 27	
Wm. Wakeham.....	do	300 00	
T. J. Egan.....	do	248 00	
D. Honeyman.....	do	1,150 10	
James Dickson.....	do	139 87	
G. H. Webster.....	31 days as extra clerk	33 98	
A. Ogden.....	Procuring specimens, etc.....	1,108 01	
Prof. J. Macoun.....	do	200 00	
W. D. Dimock.....	Salary and expenses from 7th Oct., 1882, to 30th June, 1884	1,384 20	
Hon. A. W. McLellan.....	Travelling and other expenses to and in London....	1,744 00	
A. O. Lamoureux.....	Samples of fish	47 06	
George Clark.....	do	26 00	
W. H. Thorne & Co.....	Rope, twine, hooks, etc.....	36 71	
E. Ross.....	Weir case.....	10 00	
Gabriel Acquin.....	Bark canoe	40 00	
Andrew Lawson.....	Nets and twine.....	8 34	
J. W. Dawson.....	Cotton, glass, etc.....	50 08	
Annapolis Publishing Co.....	Advertising.....	3 24	
Wm. Power.....	Model schooner.....	40 00	
Phillip Veale.....	Showcases, office lumber, etc.....	1,511 71	
Wm. Notman & Son.....	Colored photographs of fisheries protection steamer	50 00	
T. W. Currier & Co.....	Lumber.....	243 00	
Erratt & Morel.....	Showcases	109 50	
J. McLaren.....	Lumber.....	220 77	
J. Wigmore.....	Cartage	86 00	
Thomas Birkett.....	Hardware.....	228 67	
Hugh Hinds.....	Stove.....	30 35	
H. Embree & Son.....	Fishing boat	279 96	
C. T. Grant.....	Nets, anchors, buoys.....	45 00	
J. P. Mowat.....	Specimens smoked and frozen salmon and other fish	423 23	
James Ferguson.....	Fishing boat.....	181 00	
R. H. Cogswell.....	Thermometers.....	9 00	
International Tent Co.....	Tents, folding chairs, etc.....	88 50	
L. Z. Joncas.....	Procuring specimens.....	411 46	
Wm. Howe.....	Repairing cases, etc.....	1,290 15	
Canadian Express Co.....	Express charges	15 76	
G. F. Sproule.....	Frame, gilt brackets, etc.....	57 65	
Patrick Troy.....	Sturgeon and Trout nets.....	96 63	
O. W. Gauthier.....	Making pond, etc.....	50 00	
Lewis Quick.....	Models.....	97 35	
E. Harris & Co.....	Glass	80 00	
Robert Strowger.....	Repairing nets.....	10 00	
John Herring & Son.....	Glass.....	4 18	
Julius Humnie.....	Making Canadian Coat of Arms, painting and decorating 100 banners, etc.....	282 00	
Simmons & Pool.....	Carpenters' work on single specimen cases.....	500 00	
Jas. Wilson.....	Whitefish.....	5 75	
Thomas Douglas.....	Paid express charges on specimens from British Columbia.....	146 55	
J. H. Rolph.....	Painting glass, etc	95 06	
J. Bruce.....	Views.....	41 00	
C. Wilmot.....	Procuring fish eggs.....	28 00	
A. Bureau.....	Lettering and printing 217 cards.....	35 00	
Allcock, Slaughter & Westwood.....	Fishing tackle.....	500 00	
J. Wilson & Co.....	Framing pictures.....	39 75	
C. J. Hardie.....	Translating pamphlets	12 00	
D. E. Price.....	Wooden model of fish register.....	64 00	

INTERNATIONAL Fisheries Exhibition—Statement of Expenditure, etc.—*Continued.*

		\$	cts.	\$	c
Intercolonial Express Co.	Freight on exhibits.....	94	40		
Charles Neal.....	Carting fish cans, etc.....	150	26		
Phillip Veal.....	For wages, carpenter's work, etc.....	1,044	30		
John Twewright.....	Ice mill.....	70	00		
Browne & Webb.....	Preserving fluid.....	269	71		
J. E. Butler.....	Flagstaff.....	16	80		
Geo. E. Smith & Son.....	Nails and screws.....	8	93		
N. & M. Smith.....	Barrels, boxes, etc.....	96	75		
W. Stairs, Son & Morrow	Nets, ropes.....	51	22		
John Hogan & Son.....	Lumber.....	47	71		
T. A. L. de Wolf & Son.	Salt.....	26	40		
John Patterson.....	Repairing ice mill.....	3	50		
M. Walsh.....	Building trophy.....	223	25		
Geo. J. Harris.....	Ice boxes, etc.....	23	30		
A. Montpetit.....	Essay on fisheries.....	500	00		
E. Baynes.....	Collection and classification of fish food insects.....	200	00		
W. Brymner.....	Models, Tadousac.....	340	50		
J. Hume.....	Work on specimens.....	180	00		
J. Steen.....	Stuffing, etc., specimens.....	99	00		
R. J. Fowler.....	Water colours of fish.....	220	83		
R. Reford & Co.....	Freight on specimens.....	52	78		
J. J. Esmond.....	Specimens fishing camp outfit.....	121	33		
J. E. Livernois.....	Photographs.....	10	00		
J. H. Carnell.....	Stuffed, birds, fish, etc.....	150	00		
Bank of Montreal.....	To pay drafts for nets.....	26	25		
E. Ross.....	Making cases.....	90	47		
C. McClusky.....	Views of hatchery.....	12	50		
W. J. Topley.....	Expenses collecting specimens with W. F. Whitcher	565	00		
W. B. Deacon.....	Oyster rake.....	7	00		
Bonnell & Cowan.....	Shad.....	3	78		
John Hogan.....	Bass net.....	3	50		
A. B. Clark.....	Paid expenses on boxes.....	35	70		
D. Schribner & Son.....	Angling material.....	116	00		
W. H. Venning.....	Procuring specimens.....	215	91		
R. Baxter.....	Work on refrigerator.....	54	47		
E. Gibson.....	On account of refrigerator.....	175	00		
Geo. Gregorie.....	Specimen fish.....	73	13		
Wm. Trickey.....	Specimens.....	3	50		
A. Christie & Co.....	Fitting stands.....	5	98		
Beard & Venning.....	Canvas.....	8	22		
H. Braithwaite.....	Specimens animals destructive of fish.....	40	00		
G. H. Hober.....	Specimens of fish.....	27	50		
T. H. Lymns.....	Show cases.....	15	00		
T. Douglas.....	Horse hire.....	4	75		
T. Miller.....	Flannel, linen, etc.....	8	35		
A. G. Bowes & Co.....	Fitting up stove.....	2	70		
R. Fothergill.....	Paid for telegrams, chemicals, etc.....	136	06		
do.....	do.....	34	62		
W. H. Dillon.....	Views of Sydney hatchery.....	25	00		
Elliott & Son.....	Tin signs.....	10	00		
Murdoch Bros.....	Views of Sandwich hatchery.....	15	00		
Wm. Parker.....	Specimens of fish.....	7	00		
W. Stanton & Co.....	Wall paper.....	27	60		
Ed. Shrapnel.....	Completing specimens.....	251	80		
E. F. Stevenson.....	Collecting.....	19	45		
I. C. Railway.....	Freight.....	946	53		
Jas. Wright.....	Preparing.....	8	13		
H. T. Blanchard.....	Views of Magog hatchery.....	30	00		
T. Sonne.....	Set of boat sails.....	70	00		
John Black & Co.....	Freight, etc., on specimens (£160 12s. 0d.).....	781	59		
Levi Hart & Co.....	Cod, haddock, etc.....	8	61		
Forrest & Co.....	Lobster pot.....	16	00		
H. St. Nav. Co.....	Freight and warfage.....	1,128	94		
J. C. Grenier.....	Fish, oil, &c.....	278	30		
Harris & Campbell.....	Fish model.....	3	00		
A. Cuddie.....	Cartage.....	15	00		
A. Ardley.....	do.....	42	00		
E. B. Noble.....	Lobster trap and boat.....	8	00		

INTERNATIONAL Fisheries Exhibition—Statement of Expenditure, etc.—*Continued.*

		\$	cts.	\$	cts.
T. Sheasgreen.....	Views of Miramichi hatchery.....	12	00		
Schoolbred & Co.....	Matting.....	4	20		
Canada Atlantic Railway	Freight.....	700	00		
G. W. Gauthier.....	Refrigerator.....	200	00		
P. Troy.....	Salted fish.....	11	00		
J. Hogan.....	Specimens of fish.....	39	29		
J. H. Rolph.....	Staining and painting cases.....	8	85		
A. Elsworth.....	Photographs of specimens.....	2	85		
F. St. Cœur.....	Travelling and expenses to London.....	169	87		
E. Simmons.....	Cases for models and specimens.....	650	07		
F. Clemow.....	Coal.....	12	15		
J. T. Coleman.....	Mounting and repairing specimens.....	23	00		
Demers & Chandler.....	Plumbing.....	28	00		
D. Schribner & Son.....	Fishing rods.....	84	00		
Dupuis & Nolin.....	Cotton, etc.....	30	83		
F. C. Gilchrist.....	Maskinongé specimens.....	18	00		
J. Leckie.....	Fishermen's clothing.....	78	15		
C. T. Bate & Co.....	Alcohol for specimens, plaster, etc.....	65	75		
T. Birkett.....	Hardware.....	2	69		
Samuel Wilmot.....	Allowance for special services.....	1,000	00		
J. U. Gregory.....	do do.....	500	00		
W. H. Venning.....	do do.....	250	00		
W. H. Rogers.....	do do.....	250	00		
J. H. Duvar.....	do do.....	250	00		
A. C. Anderson.....	do do.....	250	00		
Gabriel Acquin.....	Expenses and pay in London.....	365	67		
				38,943	35
W. D. Dimock.....	On account of salary as Secretary, and expenses incurred.....	967	0 9		
L. Z. Joncas.....	On account of expenses.....	524	0 0		
John S. Cragg.....	For nets.....	31	12 0		
Dr. Honeyman.....	On account of expenses.....	220	0 0		
Samuel Wilmot.....	do.....	260	0 0		
A. B. Wilmot.....	do.....	30	14 5		
F. St. Cœur.....	Expenses and wages.....	32	0 0		
P. S. Ross.....	On account of wages.....	50	0 0		
E. Simmons.....	do expenses and wages, London.....	75	15 9		
S. Bryer.....	.....	3	10 0		
W. D. Hodges.....	Trimming, blue cloth, furniture, etc.....	47	18 4		
Wm. Yeardon.....	On account of wages.....	16	13 10		
Son. A. W. McLelan.....	Expenses.....	30	0 0		
Cook, Son & Co.....	Bunting.....	7	1 2		
"Pall Mall Gazette".....	Printing.....	0	16 8		
W. T. F. Smith.....	Painting.....	1	6 0		
Chas. Townshend.....	For forwarding exhibits.....	5	0 0		
John Black & Co.....	Expenses in connection with freight of exhibits.....	290	16 3		
Peto Bros.....	Materials and labourers.....	105	0 4		
Prof. F. A. Smith.....	Glass bottles, etc.....	5	17 0		
Canlove, Alliot & Co.....	Plated screws.....	3	0 0		
Geo. Stevenson.....	To supply of ice for refrigerators, etc.....	120	0 0		
Phillip Veale.....	Wages and disbursements.....	180	0 0		
Howes & Sons.....	Printing and pamphlets.....	9	4 0		
Hillon & Co.....	Decorations and fittings of building.....	349	18 6		
I. Chappell.....	Hardware.....	22	12 6		
aper and Canvas Co.....	Waterproof paper.....	9	0 0		
Marsh Bros.....	Photographs.....	5	10 0		
Samuel Wilmot.....	Expenses (refunded).....	7	14 6		
O'Leary.....	Labour and printing.....	10	0 0		
hos. Benjamin.....	Mounting maps.....	21	3 6		
		3,443	5 6		
		0	8 6		
		3,443	14 0		
ank of Montreal.....	Charges on cheque book.....			16,759	34
				55,702	69

INTERNATIONAL Fisheries Exhibition—Statement of Expenditure, etc.—*Concluded*

		\$ cts.	\$ ct
Queen's Printer.	Stationery, etc.		114
	Exchange and commission on £250 sterling, bill drawn by S. Wilmot	10 09	
	Difference in conversion of sterling	0 80	10 8
	Total		55,828
	LESS—Proceeds of sale of sundry articles at close of exhibition, and paid to credit at Bank of Montreal, £200 6s.	974 80	
	Refund	132 96	1,107
			54,720

SCHEDULE

OF

FISHERY OFFICERS

IN THE

DOMINION OF CANADA.

PROVINCE OF ONTARIO.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
James Dickson.....	Slate Island to Pigeon River, Lake Superior.....	Port Arthur.....	Overseer..	100 00
Joseph Wilson	Thessalon River, Lake Huron, to Slate Island, Lake Superior.....	Sault Ste. Marie.....	do ...	200 00
Donald A. Cameron	Lake Huron, from the foot of Lake George to Little Current, including St. Joseph, Cockburn, Manitoulin and adjacent islands.....	do	do ...	200 00
Samuel Frazer.....	Georgian Bay, from Allanwood to Victoria Harbour	Midland	do ...	100 00
F. M. G. Fraser....	do from Victoria Harbour to Parry Sound.....	Victoria Harbour.....	do ...	100 00
Solomon James....	do from Parry Sound to Waddle's Mills, Collins' Inlet.....	Shawanaga, Parry S'd.	do ...	100 00
George R. Steele...	Inland waters of Parry Sound district.	McKellar	do ...	100 00
Geo. S. Miller.....	Owen Sound to Cape Hurd.	Owen Sound.....	do ...	100 00
James Muir.....	Point Clark to Cape Hurd, including adjacent islands.....	Port Elgin.....	do ...	100 00
Hugh McFayden...	Head waters of Saugeen River, and tributaries.....	Durham.....	do ...	40 00
A. C. McKinnon...	Kettle Point to Point Clarke, Lake Huron.....	Goderich	do ...	100 00
David McMaster...	Baby's Point, on River St. Clair, to Kettle Point, on Lake Huron.....	Sarnia.....	do ...	200 00
Chas. W. Raymond	Lake St. Clair.....	Mitchell's Bay.....	do ...	50 00
J. B. Moody.....	North Branch, Sydenham River, from its junction with the main river, at Wallaceburg, to its source.....	Waubuno	do ...	50 00
P. McCarron.....	Sydenham River and tributaries.	Wallaceburg.....	do ...	100 00
Peter McCann	Thames River, from Thamesville to London.....	London.....	do ...	250 00
Angus Brady.....	Thames River, from Lewisville to Cashmere	Bothwell	do ...	40 00
Timothy McQueen.	Mouth of Thames River to Lewisville.	Chatham.....	do ...	75 00
A. Quenneville.....	Lake St. Clair, from Stony Point to division line between Dover East and West, including mouth of River Thames.....	Stony Point.....	Warden ...	20 00
E. Boismier.....	Baptiste Creek, on Lake St. Clair, to mouth of Detroit River.....	Sandwich.....	Overseer..	300 00
Wm. Prosser.....	Lake Erie, from mouth of Detroit River to Point Pelée.	Leamington.....	do ...	100 00
James Cummins....	Point Pelée Island.....	Kingsville.....	Warden ...	50 00
John McMichael....	Lake Erie frontage, County of Kent...	Rond Eau.....	Overseer..	50 00
Alex. McBride	Lake Erie frontage, County of Elgin.	St. Thomas.....	do ...	50 00
	Carried forward.....			2,575 00

SCHEDULE of Fishery Officers in the Dominion, &c.—Continued.

PROVINCE OF ONTARIO—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			2,575 00
David Sharp.....	That part of the Counties of Norfolk and Haldimand fronting on Lake Erie, and extending from the division line between the Counties of Elgin and Norfolk to the division line between the Townships of Rainham and South Cayuga.....	Port Ryerse.....	Overseer..	200 00
W. A. McCrae.....	Grand River from mouth to Caledonia, and that part of Lake Erie extending from South Cayuga to Moulton Bay.....	Dunnville.....	do ..	100 00
W. P. Croome.....	Grand River and its tributaries, from Brantford upwards.....	Brantford.....	do ..	100 00
John W. Kerr.....	Whitby Harbour to Moulton Bay.....	Hamilton.....	do ..	500 00
Peter Price.....	Long Point.....	St. Williams.....	do ..	50 00
W. D. Pollock.....	Twelve and Sixteen Mile Creeks, County of Halton.....	Bronte.....	Warden...	30 00
Andrew Hughson..	River Credit, from Orangeville to Norval, together with the Townships of Mono, East Garafraxa, Albion, Amaranth, Luther and Caledon to Church's Mills Cataract.....	Orangeville.....	Overseer..	50 00
Wellington Hull...	Rivers Credit and Speed, with their tributaries, in the Townships of Eramosa, Erin, Carleton and Esquenessing.....	Erin.....	do ..	50 00
Alex. Blakely.....	River Credit, from mouth of river up to Norval.....	Port Credit..	do ..	
Charles Gilchrist..	Rice Lake and that part of Lake Ontario, fronting on the County of Northumberland.....	Harwood.....	do ..	400 00
Nelson Simmons...	Trent River, Counties of Northumberland and Hastings.....	Meyersburg.....	do ..	100 00
Jos. Redmond.....	County of Prince Edward.....	Picton.....	do ..	300 00
Charles Wilkins...	Waters of the Bay of Quinté, fronting on the County of Hastings, and from Carrying Place eastward to Mill Point, County of Prince Edward.....	Belleville.....	do ..	400 00
A. D. Sills.....	Lake shore and inland waters, County of Lennox and Addington, including Amherst Island.....	Napanee.....	do ..	150 00
Peter Kiel.....	Wolfe Island.....	Wolfe Island.....	do ..	200 00
Nassau Acton.....	Gananoque River and the St. Lawrence River, from Wolfe Island to Jackstraw Lighthouse.....	Gananoque..	do ..	100 00
Thomas Merritt...	Townships of Storrington, Pittsburg and Kingston, County of Frontenac.....	Kingston.....	do ..	100 00
John Cox.....	Howe Island.....	Howe Island.....	do ..	50 00
John Mooney.....	Rockville to Cornwall.....	Prescott.....	do ..	200 00
John Wallace.....	Rockport to Gananoque.....	Lansdown.....	Warden...	50 00
Henry Hunt.....	Larue's Island.....	Rockport.....	do ..	20 00
William Pool.....	Rockville to Rockport.....	Grenadier Island.....	Overseer..	50 00
T. McGarity.....	Counties of Stormont and Glengarry.....	Cornwall.....	do ..	50 00
O. Miron.....	South Nation River, County of Prescott.....	Curran.....	do ..	30 00
	Carried forward.....			5,855 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF ONTARIO—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward			5,855 00
Wm. Boucher	Waters of Co. Carleton	South March	Overseer ..	250 00
Arch. Acheson	Lower Allumette and Coulange Lakes	Westmeath	do ..	25 00
John Grant	Upper Allumette to Des Joachims, including Petawawa River	Forester's Falls	do ..	100 00
Andrew Telfer	Bonnechère River and Lakes, County Renfrew	Bristol Corners, Que... ..	do ..	50 00
M. L. Russell	Bonnechère River	Renfrew	do ..	25 00
Jno. R. McDonald	Madawaska River	Clontarf	do ..	50 00
Thos. McKibbin	Mink and Doré Lakes, Co. Renfrew ..	Eganville	do ..	25 00
Geo. Douglas	Muskrat Lake and Snake River, Co. Renfrew	Snake River	do ..	25 00
John Smith	Lake des Chats, from Portage du Fort to Fitzroy Harbour	Renfrew	do ..	50 00
Joseph Belanger ..	Calabogie Lake and inland waters of Township of Bagot, County Ren- frew	High Falls	do ..	25 00
John McMullen	Mattawa River and Lake Nipissing ..	Nipissing	do ..	200 00
John Murphy	Co. Lanark, Rideau Canal and Lakes.	Burgess, Perth P. O.	do ..	50 00
Ephraim Deacon ..	River Tay, Co. Lanark	Bolingbroke	do ..	100 00
James McFadden ..	Mississippi River and Lake	Carleton Place	do ..	30 00
A. E. Mills	Rideau River and Canal	Smith's Falls	do ..	50 00
Geo. Jeacle	Rideau Lakes	Westport	do ..	100 00
Wm. Hicks	Upper and Lower Beverley Lakes ..	Farmersville	do ..	50 00
John A. Cameron ..	Townships of Bedford, Hinchinbroke, Olden and Oso, County of Frontenac.	Westport	do ..	100 00
Hy. R. Purcell	Townships of Camden, Portland, Loughboro', Sheffield and Kennebec, County of Addington	Colebrook	do ..	100 00
Robt. Gilbert	Townships of Palmerston, Clarendon, North and South Canoto and Mil- ler, County of Frontenac	Ompah	do ..	100 00
W. H. Johnston	Charleston Lake, Gananoque Lake and River	Farmersville	do ..	75 00
James Greer	Gananoque River	Warburton	do ..	40 00
George Cochrane ..	Inland waters, Co. Peterborough, in- cluding Pigeon, Deer, Salmon- Trout, Stony, Sturgeon and Che- mong Lakes	Lakefield	do ..	250 00
John Dauncey	Upper Division or East Riding, Co. Peterborough, comprising waters of Gull and Burnt Rivers and tribu- taries, together with Drag, Eagle, Moose, Redstone, Crooked and other lakes within such limits	Minden	do ..	100 00
J. R. Graham	Inland waters, N.E., County Victoria, north of Sturgeon Lake, and above Fenelon Falls	Victoria Road	do ..	100 00
Geo. B. McDermott ..	Lake Scugog, including Lindsay or Scugog River to its mouth	Port Perry	do ..	200 00
J. S. Saunders	Lake Simcoe and its tributaries	Barrie	do ..	150 00
Wm. Hastings	Lake Simcoe, from Cook's Bay to Beaverton	Roach's Point	do ..	50 00
R. G. Dalton	Lake Couchiching and Severn River, Co. Simcoe and Ontario	Orillia	do ..	50 00
Wm. McDermott ..	County Simcoe, South Riding	Beeton	do ..	50 00
	Carried forward			8,425 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF ONTARIO—*Concluded.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			8,425 00
Wm. E. Foot.....	Lakes Muskoka, Rosseau, Joseph, Lake of Bays and the Magnetawan River.....	Bracebridge.....	Overseer..	125 00
C. E. Roper.....	North Branch of Muskoka River and Mary Lake to Nipissing Road.....	Port Sydney.....	do ..	100 00
W. B. Jelly.....	County of Wellington.....	Bowling Green.....	do ..	40 00
W. Helliwell.....	County of York.....	Highland Creek.....	do ..	100 00
	Total.....			8,790 00

PROVINCE OF QUEBEC.

Wm. Wakeham...	Lower St. Lawrence River and Gulf...	Gaspé Basin.....	} Officer in charge of Fisheries Protec- tion Service in Gulf and Lower St. Lawrence.	} 1,200 00
L. P. Huot....	Lakes Philippe, Gagné, and adjacent lakes, and the Island of Orleans....	St. Roch, Quebec.....		
U. Bhéreur.....	River du Gouffre to Canard River, including inland lakes adjacent to Murray Bay and St. Paul's Bay.....	Murray Bay.....	do ..	50 00
Henri Côté.....	Lakes in rear of Murray Bay and Bay St. Paul.....	Bay St. Paul.....	Warden...	30 00
Jos. Simard.....		do ..	do ..	30 00
Antoine Filion..	Counties of Chicoutimi and Saguenay. Grand Bay.....	St. Agnes.....	do ..	40 00
Jos. Radford.....		Bay St. Paul.....	do ..	30 00
Jacques Girard....	Lake St. John.....	Tadoussac	Overseer...	200 00
Romuald Maltais..	do ..	Grand Bay	Warden...	100 00
Chas. Potvin.....	do ..	Alma.....	do ..	50 00
Job Bilodeau.....	Lake St. John and tributaries, Upper Saguenay.....	Roberval.....	do ..	50 00
Joseph Boily.....	Escoumains to Bersimis.....	Metabetchouan.....	do ..	50 00
J. O. Belanger.....	North Shore River St. Lawrence, from Point des Monts to Baie des Roch- ers, including Trinity and Pentecost Rivers.....	Mille Vaches.....	do ..	50 00
G. Mathurin.....	Western Division Natashquan, includ- ing Rivers Agwanus, Nabissippi and Natashquan.....	L'Islet	do ..	150 00
G. L. Duguay.....	Esquimaux Point to Sheldrake River..	Montmagny.....	do ..	200 00
W. McLeod.....	Washeecootai Division, comprising the Rivers Kegascha, Musquarro, Washeecootai and Olomanosheebou	Murray Bay.....	do ..	150 00
T. Mignault.....	Moisie District, from Point Jambon to Point St. Charles, including Moisie River.....	Ste. Catherine.....	do ..	100 00
J. Legouvé.....	St. Augustine Division, from Cape Whittle to Checatia.....	Montmagny.....	do ..	200 00
		Gaspé Basin.....	do ..	100 00
	Carried forward.....			2,880 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF QUEBEC—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			2,880 00
W. H. Whitely.....	Bonne Espérance Division, from Che- catica to Blanc Sablon	Bonne Espérance.....	Warden ...	100 00
Ant. Chevrier	Magdalen Islands.....	Amherst	Overseer..	100 00
Chas. Ascah.....	Anticosti Island		do ...	50 00
J. A. Verge	The estuary division of the Risti- gouche River.	Cross Point.....	do ...	300 00
Mich. Archibald ...	The fluvial division of the Ristigouche River and its tributaries	Matapedia	do ...	200 00
John Cullen.....	Paspebiac Point to Maguasha Point...	Carleton.	do ...	200 00
John Phelan.....	Point Maquereau to Paspebiac Point..	Port Daniel.....	do ...	50 00
P. Vibert, jun	York, Dartmouth and St. John Rivers, Gaspé Basin to Point Maquereau...	Gaspé Basin.....	do ...	200 00
J. J. Letourneau...	Cape Chatte to River Ste. Anne des Monts	Ste. Anne des Monts ...	do ...	100 00
J. B. Saucier.....	From River Blanche to Cape Chatte, including Matane River.	Matane.....	do ...	100 00
L. E. Grondin'.....	Rimouski to River Blanche	Rimouski.	do ...	100 00
H. Martin.....	Pointe à la Loupe, Green Island, to Rimouski River (same included)....	do	do ...	100 00
Jules Gauvreau...	River Ouelle to Pointe à la Loupe, Green Island	Isle Verte	do ...	100 00
F. C. Oron	Point Lévis to River Ouelle.....	L'Islet	do ...	200 00
George Gagnon....	Inland waters, County Témiscouata ...	St. Epiphane....	Warden ...	30 00
Phileas Dubé.	Lake Témiscouata and neighbouring waters, County Témiscouata	Notre Dame du Lac. ...	do ...	75 00
Alfred Blais	Lake Matapedia and River Matapedia to Causapscah.....	Causapscah.	Overseer..	100 00
Pierre Latraverse.	That part of the River St. Lawrence bordering on the Counties of Riche- lieu, Yamaska and Berthier, in the Province of Quebec, including Sorel and adjoining islands.	Sorel	Warden ...	100 00
J. F. Picotin.....	St. Francis River.....	Drummondville.	do ...	100 00
H. W. Austin	Richelieu River and tributaries, from Sorel to St. John	Berthier (<i>en haut</i>).....	Overseer..	400 00
J. B. Chevalier. ...	Richelieu River, from St. John to Lake Champlain.....	Iberville.	do ...	150 00
N. A. Beach	Lake Memphremagog, in the Counties of Stanstead and Brome.	Georgeville.	do ...	100 00
Trefflé Marchessault	Brome Lake.....	Knowlton.....	Warden ...	50 00
P. C. Bourk	Inland waters of County Megantic ...	Somerset.	do ...	75 00
J. Laberge.....	River Chateauguay, from mouth to village	Chateauguay Basin ...	do ...	50 00
John Kelly.	That part of River St. Lawrence and Lake St. Francis fronting on Count- ies Beauharnois and Huntingdon....	Beauharnois	do ...	75 00
P. E. Luke.....	Missisquoi Bay, in Lake Champlain, and Pike River	Phillipsburg.	do ...	50 00
W. C. Willis	Waters in Districts of St. Francis.....	Sherbrooke.....	do ...	150 00
J. B. McDonald....	Lake Megantic	Echo Vale.....	do ...	100 00
V. Veilleux.....	Inland waters of the County of Beauce	St. Ephrem de Tring...	Warden ...	40 00
Odilon Lacoursière	Inland waters of the County of Cham- plain.....	St. Tite.....	Overseer..	75 00
Jos. Desaulniers ..	Inland waters, Counties St. Maurice and Maskinonge	Shawenegan.....	do ...	75 00
Jos. Lambert.	St. Lawrence River, fronting on County St. Maurice	Three Rivers.....	Warden ...	50 00
	Carried forward			6,625 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF QUEBEC—*Concluded.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			6,625 00
Wm. Ritchie.....	Inland waters of County Montcalm ...	St. Donat	Overseer..	75 00
J. L. Martel	Inland waters of County Joliette.....	St. Alphonse	do ...	75 00
Jos. Gingras.....	Yamaska River	St Michel de Yamaska	do ...	25 00
M. Hurteau	Verchères and L'Assomption Counties	Contrecoeur	do ...	25 00
S. A. Grant	That part of the St. Lawrence River fronting Counties of Berthier and Maskinongé			
Jos. Boivin.....	St. Lawrence River, front Point Beau- det to Côteau Landing, including River Beaudet	Louiseville	Warden ...	40 00
John Morris.....	River St. Lawrence around Island of Montreal.....	River Beaudet	Overseer..	50 00
Jos. Lauzon. ...	River Jesus and Des Prairies.....	St. Lambert.....	do ...	200 00
Toussaint Cloutier	Inland waters of Terrebonne, and part of those of Argenteuil	Terrebonne.....	do ...	100 00
Alexander Beaton.	The inland waters in rear of the County of Argenteuil.....	St. Sauveur	do ...	100 00
R. W. Jones	Ottawa River, from Oka to Carillon, north side.....	Lost River P.O., Har- rington	do ...	30 00
Theo. Sabourin	Ottawa River, from Oka to Carillon, south side	St. Andrews	do ...	40 00
Jos. Marion	County of Ottawa.....	Rigaud	do ...	100 00
Robt. Joynt.....	Lake Bernard, Co. Ottawa	Hull.....	Overseer..	300 00
James Mohr.....	The waters of the County of Pontiac, from Ottawa County line west to River Coulonge.....	Joynt P. O.....	Warden ...	50 00
J. T. Coghlan.....	The waters of the County of Pontiac, from River Coulonge west to Des Joachims	Onslow.....	Overseer..	40 00
		Waltham.....	do ...	50 00
	Total.....			7,925 00

PROVINCE OF NOVA SCOTIA.

W. H. Rogers.	Nova Scotia.....	Amherst	Inspector of Fisher- ies	1,800 00
A. C. Bertram	Cape Breton Island.....	North Sydney.....	Fishery Officer.	500 00
	<i>Annapolis County.</i>			
W. T. Carty.....	Annapolis County.....	Annapolis.....	Overseer..	120 00
A. F. Morton.....	Annapolis County	Wilmot.....	Warden...	25 00
Geo. Vroom.....	Bear River, south side.....	Bear River.....	do ...	25 00
Wm. Croscup.....	Bear River, north side.....	do	do ...	25 00
W. A. Rice.....	Annapolis River.....	Bridgetown	do ...	25 00
W. M. Bailey.....	Lovett's Brook	Round Hill.....	do ...	25 00
M. Riordaa.....	Annapolis and Langille Rivers	Annapolis.....	do ...	25 00
T. R. Ilsey	From Lawrence to County Line.....	Lawrencetown.....	do ...	25 00
Albert Barteaux....	Nictaux River.....	Nictaux Falls.....	do ...	25 00
	Carried forward.....			2,620 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			2,620 00
	<i>Antigonish County.</i>			
John McDonald....	Antigonish County.....	Doctor's Brook.....	Overseer..	125 00
Angus McDonald....	From mouth of Harbour to foot of Marsh, thence up Tracadie stream to lake, from Marsh up to Monastery Brook, including French Settlement Brook and Tarbits.....	Tracadie.....	Warden....	25 00
J. R. Aymer.....	From mouth of Harbour to Forks, from thence on the Pomquet River to V. Chisholm's Mills, and from Forks on the Black River to Falls.....	Pomquet Forks, Antigonish	Warden ...	25 00
Albert Randall.....	From shore to lake.....	Bayfield, W.O.....	do ...	15 00
Colin Chisholm....	From Antigonish Harbour to McWilliams or St. Andrew's Bridge.....	Lower South River, Antigonish	do ...	25 00
Lauchlin Cameron	From McWilliam's Bridge to Fraser's Bridge, including Big Brook.....	Upper South River, Antigonish	do ...	30 00
John Cumming....	From Fraser's Bridge to County line at head of lake.....	Upper South River, Antigonish	do ...	20 00
John Dexter	From Antigonish Harbour (foot of Marsh) to Trotter's Mill Brook, thence up said Brook to Trotter's Mill, including both branches of West River and Bailey's Brook	Antigonish	do ...	30 00
Donald Chisholm.	From Trotter's Mill Brook to W. Thompson's Dam	Salt Springs, Antigonish	do ...	25 00
Alex. Macadam....	From Thompson's Dam to Addington Forks Bridge	West River, Addington Forks, Antigonish...	do ...	25 00
Duncan Fraser.....	From Pinkeytown Bridge to Stewart's Mill.....	Ohio	do ...	20 00
James Chisholm ..	From Campbell's Rock, on Pomquet River, to V. Chisholm's Mill on the Eastern Branch and to Alexander McDonald's Mill on the Western Branch	St. Andrew's	do ...	25 00
Arch. McDougall.	From John McDonald's (Bun's) Cove, north side of Cape George, to Crobbling Head, St. George's Bay	McNair's Cove, Cape George	do ...	25 00
Donald McDonald.	West River, from Forks Bridge to Pinkeytown Bridge, including Jones' River and Beaver River.....	Addington Forks	do ...	25 00
	<i>Cape Breton County.</i>			
Francis Quinan ...	From Low Point to South Head of Cow Bay, and north side of Mira Bay, including Salmon River and Sydney River.....	Sydney	Overseer..	120 00
Wm. Burke.....	Mira Bridge and Trout Brook.....	Burke's Bridge, Mira River	Warden ...	25 00
	Carried forward			3,205 00

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			3,205 00
	<i>Cape Breton County—Concluded.</i>			
John McEachen....	Salmon River.....	Grand Mira, Arichat...	Warden...	25 00
Donald McDonald...	Sydney River and Forks.....	Sydney Forks.....	do...	45 00
Alex. McLean.....	Mill Brook.....	Mill Brook.....	do...	20 00
York Barrington...	North of East Bay to Head of Sydney River, including part of Boularderie Island.....	Sydney Mines.....	Overseer..	120 00
Alex. McDonald....	South of East Bay to Salmon River....	East Bay.....	do...	120 00
Allan McAdam....	Eskasoni.....	Eskasoni.....	Warden...	25 00
Angus Morrison....	Marion Bridge, Mira.....	Marion Bridge, Mira...	do...	25 00
M. McLellan.....	Rory Brack's Brook.....	Rory Brack's Brook....	do...	25 00
P. Keefe.....	North-West Brook, Grand Lake and tributaries.....	Lingan.....	do...	25 00
Donald McCormack...	Leitch's Creek and George's River....	Leitch's Creek, W.O.	do...	25 00
D. J. McNeil.....	Benacadie River, emptying into Bras d'Or.....	Benacadie River.....	do...	25 00
Arch. McDonald...	Ball's Creek.....	Ball's Creek.....	do...	20 00
	<i>Colchester County.</i>			
R. J. Pollock.....	Stewiacke River (lower portion).....	Lower Stewiacke.....	Overseer..	75 00
T. Johnson.....	Salmon River.....	Salmon River, Truro...	Warden...	25 00
George Fulton.....	Stewiacke River (upper portion).....	Stewiacke River, Brook- field.....	do...	25 00
H. Gass.....	Northern Division County Colchester, comprising Tatamagouche Bay, French and Waugh's River.....	Tatamagouche.....	Overseer..	50 00
J. W. Davison.....	Colchester County, Western Division	Upper Economy.....	do...	100 00
Daniel McKay.....	Waugh's River.....	Tatamagouche River..	Warden...	40 00
Robt. K. Fulton....	De Bert River.....	Folly Village.....	do...	25 00
George Moore.....	Economy River.....	Economy.....	do...	25 00
Mat. G. Murray....	Salmon River.....	Truro.....	do...	25 00
William Winton....	Lower Stewiacke River.....	Lower Stewiacke.....	do...	25 00
Alfred Wright.....	do do.....	do.....	do...	25 00
Henry Blair.....	Eastern Division, County Colchester.	North River.....	Overseer..	100 00
Henry Urquhart....	Folly River.....	Folly Village.....	Warden...	25 00
Samuel Frazer.....	Shubenacadie River and Gay's River..	Shubenacadie River...	do...	25 00
Edw. Rutherford....	Stewiacke River.....	Stewiacke.....	do...	25 00
Hilbert Corbett....	Harrington and North Rivers.....	Five Islands.....	do...	25 00
Jesse Fulmer.....	East and Bass Rivers.....	do.....	do...	25 00
	<i>Cumberland County.</i>			
G. W. Gilroy.....	Cumberland County, Eastern Division, embracing all streams emptying into the Straits of Northumberland.....	Oxford.....	Overseer..	100 00
Thos. R. Smith.....	Shinimicas River.....	Shinimicas River.....	Warden...	25 00
Elijah Fowler.....	Cumberland County, Western Divi- sion, including all streams flowing into the Bay of Fundy.....	Amherst.....	Overseer..	130 00
Isaac Logan.....	Laplatche and Nappan Rivers.....	do.....	Warden...	25 00
Moses Harrison....	Maccan River.....	Maccan, W.O.....	do...	25 00
Jos. Porter.....	River Hebert.....	River Hebert.....	do...	25 00
Francis L. Jenks...	Parrsboro' Head.....	Parrsboro'.....	do...	25 00
	Carried forward.....			4,725 00

SCHEDULE of Fishery Overseers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			\$ cts. 4,725 00
	<i>Cumberland County—Concluded. *</i>			
m. Murphy.....	Wallace River.....	Wallace.....	do ...	30 00
muel McPeerson	Pugwash River.....	Pugwash River....	do ...	25 00
dney Smith.....	Apple River.....	Advocate Harbour....	do ...	25 00
	<i>Digby County.</i>			
m. Hanley.....	Digby County.....	Digby.....	Overseer..	120 00
raham L. Gavil.	Joggins River.....	do	Warden ...	25 00
chlin McKay. ...	St. Mary's Bay.....	St. Mary's Bay, W.O....	do ...	25 00
bert Journey.....	Sissaboo River.....	Weymouth.....	do ...	25 00
s. A. Collins.....	Western Division of Digby County, Long and Brier Islands	Westport.	Overseer..	120 00
	<i>Guysborough County.</i>			
mes A. Tory.....	Guysborough County.....	Guysborough.	Overseer..	150 00
mes Cook ..	Salmon River, from mouth to Gra- ham's West Line.....	Salmon River, W.O....	Warden ...	25 00
mes McEllum....	From Graham's West Line to foot of Neil's Lake, including North Branch and Lake	do ..	do ...	25 00
arles Kenny.....	From foot of Neil's Lake to Beaver Dam Lake, inclusive, and all the lakes through which it passes.....	Salmon River, West Branch, Guysboro'...	do ...	15 00
nald Gunn.....	From mouth of Scott's Place to Country Harbour Lake, including Gunn's Brook, from Man River to Hurley's Lake	Cross Roads	do ...	30 00
illiam Pride	From mouth of St. Mary's River to Sinclair Point, including stream from Wine Harbour to Lake.	Sherbrooke, St. Mary's.	do ...	30 00
omas McKeen ...	From Forks to County Line, includ- ing McQueen's Mill and Brook, to Lake	Melrose	do ...	30 00
L. Smyth	From Forks to Indian Man's Brook ...	West River.	do ...	25 00
bert McKay.....	From head of tide to head of Inter- vale, on the North Branch, and to Cameron's Mill, on the Valley Branch	Guysborough, Inter- vale, W.O.....	do ...	15 00
mes R. Bruce....	From mouth of Clam Harbour River to Upper Falls.....	Guysborough	do ...	10 00
A. McDonald ...	St. Mary's River	St. Mary's River, Sher- brooke.	do ...	40 00
an McQuarrie...	District of St. Mary's	Sherbrooke.	Overseer..	100 00
am Kirk.	St. Mary's River, extending from Alex. Ross' (above still waters) to Hugh Halters', on the West River.....	Glenelg	Warden ...	30 00
n. McDonald....	St. Mary's River	Stillwater.....	do ...	25 00
McC Sinclair...	From Sinclair to Headwater.	Goshen.....	do ...	20 00
te Harpell.	From mouth to head of Indian River..	Indian River, St. Mary's District	do ...	15 00
	Carried forward.....			5,705 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			\$ 5,705
	<i>Guysborough County—Concluded.</i>			
D. Cameron, sen...	West River, St. Mary's, from Wallace Bridge to head of River.	Upper Caledonia	do ...	20
Frederick Mattie...	Tracadie River, in Counties of Guys- borough and Antigonish	Tracadie, County of Antigonish	do ...	15
Angus Cameron ...	East River, St. Mary's	East River.....	Warden ...	25
John Jones	Mouth of Salmon River.....	Mouth of Salmon River	do ...	25
James Henderson .	Isaac Harbour and River	Isaac Harbour	do ...	25
Samuel Hudson (Lewis' son).....	County Harbour River, from Bridge at Narrows to mouth.....	County Harbour	do ...	25
Jas. Harrigan, jun.	Cole Harbour River.....	Cole Harbour.....	do ...	25
O. T. Frazer.....	Ecum Secum River.....	Ecum Secum.....	do ...	25
	<i>Halifax County.</i>			
Isaac Gaetz	Halifax County, East Division, Dart- mouth to Ecum Secum.....	Musquodoboit Harbour.	Overseer..	150
James Blakely.	From Ship Harbour to Chezzetcook, inclusive	Ship Harbour.....	Warden ...	30
Nathaniel McKiel ..	Sheet Harbour	Sheet Harbour.....	do ...	40
John Fitzgerald ...	Halifax Harbour to Margaret Bay, Portuguese Cove	Portuguese Cove	Overseer..	150
Archibald Kidston	From Peggy's Cove to Terrence Bay, Nine Mile and Prospect Rivers.....	Spryfield	Warden ...	40
Nathaniel Mason...	From Hubert's to Peggy's Cove, Mar- garet Bay, Ingraham and Indian Rivers.....	Margaret Bay, Peggy's Cove, W.O	do ...	75
Daniel Mosher	Cow Bay Run.....	Cow Bay, Dartmouth .	do ...	20
Donald McCleam...	Chezzetcook River	Chezzetcook River.....	do ...	30
Jas. E. Whitman...	Salmon River	Salmon River	do ...	30
Geo. McLeod	Middle Musquodoboit.....	Middle Musquodoboit...	do ...	30
P. Hughes.....	Tangier River	Tangier River	do ...	25
Hy. A. Shatford ...	Pennant River.....	Hubbard's Cove	do ...	40
Robt. Stevens.....	Musquodoboit Harbour	Musquodoboit Harbour.	do ...	30
Wm. Burris.....	Little Musquodoboit River.....	Little Musquodoboit River	do ...	30
Chas. G. Henry...	Upper Musquodoboit	Upper Musquodoboit River	do ...	30
John Frazer	Moser's River and Ecum Secum and Smith's Brook	Moser's River.....	do ...	30
Geo. Keizer	Lake Porter and streams	Lake Porter	do ...	30
Wm. Geo. Walker.	Little Salmon River	Little Salmon River, Preston Road.....	do ...	20
James Crook	Big Salmon River, or Lawrencetown River	Lawrencetown.....	do ...	25
F. G. Tolson.....	Sackville River	Sackville River.....	do ...	40
	<i>Hants County.</i>			
P. S. Burnham	Hants County, Western Division, from Western County Line to Walton.....	Windsor.....	Overseer..	100
John B. Colter.....	Shubenacadie River	Milford.....	do ...	30
	Carried forward			6,915

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			6,915 00
	<i>Hants County—Concluded.</i>			
James Mosher.....	Rivers Meander and Hebert, from mouth to source	Brooklyn	Warden ...	30 00
E. O'Brien	East Division, from Walton to Col- chester Line.....	Maitland.....	Overseer..	100 00
Joseph Mosher.....	Kennetcook River, from mouth to head of tide.....	Newport	Warden ...	50 00
James M. O'Brien..	Walton and Kennetcook Rivers.....	Maitland	do ...	30 00
	<i>Inverness County.</i>			
James Coady.....	Inverness County, East Division.....	S. W. Margaree	Overseer..	100 00
David Ross.....	do do	N. E. Margaree	do ...	100 00
Charles McDaniel ...	From mouth of Margaree River to South-west Chapel.....	Forks, Margaree, W.O.	Warden ...	25 00
Neil McKay.....	Upper waters and tributaries, Mar- garee River	S. W. Margaree River..	do ...	25 00
James F. McLean.....	Inverness County, Western Division.	Port Hastings.....	Overseer ..	150 00
James Benvie.....	Mabou River.....	Mabou, Brook Village..	Warden ...	25 00
James B. McDonald ..	River Dennis.....	River Dennis, W.O.....	do ...	25 00
David Dowling.....	River Inhabitants.....	Riverside.....	do ...	25 00
James McEachern.....	do	do	Overseer..	100 00
John McLean	Big River	Strathborn	Warden ...	25 00
James Hugh Cameron ..	do	S. W. Mabou	do ...	25 00
James Murphy.....	Ainslie Lake.....	N. E. Margaree	do ...	25 00
James M. Kinnon	Crowdis Bridge to head of river	Judique	do ...	25 00
James McDermaid.....	From his own residence to Big Inter- vale.....	N. E. Margaree	do ...	25 00
James Mark Crowdis	From Bridge to Forks, North-east Margaree River.....	Big Intervale	do ...	25 00
William Hart, jun.	From Crowdis Bridge to Warden McDermid's residence.....	N. E. Margaree.....	do ...	25 00
William McLennan (John's, Son).....	River Dennis and Basin	River Dennis	do ...	25 00
James Malcolm McKay.....	Trout River.....	Lake Ainslie.....	do ...	20 00
James Angus McFarlane (Angus' Son).....	Upper South-west Margaree Rivers....	Upper S. W. Margaree River.....	do ...	25 00
John P. McFarlane.....	Margaree Harbour.....	Margaree	do ...	25 00
Stephen Graham.....	Long Point and Judique Rivers.....	Long Point.....	do ...	25 00
	<i>King's County.</i>			
James S. Miller ...	King's County.....	Canning.....	Overseer..	125 00
James McIntyre.....	Annapolis River.....	Aylesford.....	Warden ...	50 00
James F. Reid	King's County.....	Wolfville.....	Overseer..	125 00
James E. Bishop	Gaspereaux River.....	Horton	Warden ...	30 00
James Angus.....	do	do	do ...	30 00
Philip Brown.....	Blomidon	Blomidon.....	do ...	30 00
James W. Thorpe	Hall's Point to Cape Split.....	Hall's Harbour.....	do ...	30 00
	Carried forward			8,415 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary
	Brought forward.....			8,415
	<i>Lunenburg County.</i>			
Geo. Redden.....	Lunenburg County, East Division, Middle, Gold, Martin's and Musha- mush Rivers.....	Chester.....	Overseer..	100
Jacob Meisener....	Eastern River.....	do	Warden ...	25
Isaiah Besancon....	Middle River.....	Chester Basin.....	do ...	25
David Demon.....	Lower Gold River	Lower Gold River.....	do ...	25
John Hutt.....	Middle Gold River.....	Beach Hill, Chester....	do ...	25
Edward Boylan....	Gold River, Upper.....	New Ross.....	do ...	25
Jas. Langille.....	Martin's River.....	Chester.....	do ...	25
Hy. S. Jost.....	Lunenburg County, West Division....	Lunenburg.....	Overseer..	100
Chas. Pernette.....	From mouth of La Have River to Willkie's Cove.....	do	Warden ...	25
C. E. Goddard.....	La Have River.....	Bridgewater.....	Overseer..	50
Jas. Mossman.....	From Henry Koch's to Knock's.....	Lunenburg.....	Warden ...	25
Geo. Burns.....	Knock's to source of La Have River....	Bridgewater	do ...	25
John Andrews.....	Mushamush River.....	Mahone Bay.....	do ...	25
Geo. A. Nesbitt....	Petite River mouth to Wallace Brook.	Petite River.....	do ...	25
Elie Hebb.....	do from Wallace Brook to source	Hebb's Cross, West Conquerall.....	do ...	25
William Croft.....	East Gold River, from Bongard's Point to Gold River Branch, thence to Clark's, Clinton's and Henry's Lakes	Chester Basin.....	do ...	25
J. H. Keddy.....	Larder's River	New Ross.....	do ...	25
Patrick Cooney....	East Branch Middle River.....		do ...	25
	<i>Pictou County.</i>			
D. G. McDonald....	Pictou County, East Division, includ- ing Sutherland's, French and Bar- ney's Rivers, Bailey's Brook and Shore Fishery, from Pictou Harbour eastward to County Line.....	Lismore	Overseer..	170
William Turner....	Barney's River.....	Barney's River, W.O...	Warden ...	25
Donald McDonald..	Sutherland's River.....	New Glasgow.....	do ...	25
Geo. Foote.....	French River.....	French River.....	do ...	25
Donald McLean....	Bailey's Brook.....	Bailey's Brook, W.O...	do ...	30
Robt. Sutherland..	Pictou County, West Division, includ- ing Middle, East, West, Cariboo, Toney and John Rivers.....	River John.....	Overseer..	140
Wm. McDonald....	French River.....	French River.....	Warden ...	25
Peter Campbell....	East River.....	New Glasgow.....	do ...	25
Alex. Douglas....	Middle River.....	Middle River.....	do ...	25
Thos. Cameron....	West River.....	do	do ...	25
John McKay.....	River John.....	River John.....	do ...	25
Geo. McKenzie....	Caiboo River.....	Lower Cariboo River...	do ...	25
D. A. Murray.....	Barney's River, from McDonald's Bridge to Head.....	Avondale.....	do ...	25
Samuel Frazer....	Grant's Factory to East Branch Lake.	Bridgeville.....	do ...	25
Donald Frazer....	Fork and West Branch Lake.....	Hopewell.....	do ...	25
Chas. Macdougall..	East River of St. Mary's and Garden Lake.....	Garden of Eden.....	do ...	20
Thomas Fraser.....	East River, from Tide Head to Grant's Factory.....	Island Hopewell.....	do ...	25
	Carried forward.....			9,725

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name.	District.	Address.	Overseer. or Warden.	Salary.
				\$ cts.
	Brought forward			9,725 00
	<i>Pictou County—Concluded.</i>			
lan Cameron....	East Branch Barney's River, from Sutherland's Marshy Hope to Barney's River.....	Barney's River	Warden ...	25 00
C. Pritchard....	Central Pictou County, including Middle, East and West Rivers.....	New Glasgow.....	Overseer..	150 00
	<i>Queen's County.</i>			
T. N. Sellon....	Queen's County.....	Liverpool.....	Overseer..	225 50
edosius Ford....	Milton Bridge up to Port Liverpool River.....	Milton.....	Warden ...	60 00
hn Fitzgerald....	From Steam Mills to Salter's Falls on Port Medway River.....	Mill Village.....	Overseer..	70 00
rnabas Miles....	Salter's Falls to Pawn Hook, on Port Medway River.....	Greenfield, W.O.....	Warden ...	30 00
	<i>Richmond County.</i>			
ncan Cameron..	Eastern Division, from River Bourgeois to East Boundary of County, including said river.....	St. Peters.....	Overseer..	125 00
n Murchison....	Grand River.....	Grand River, W.O.....	Warden ...	30 00
ancis Marneau..	Western Division, from River Bourgeois to West Boundary of County.	Arichat.....	Overseer..	125 00
W. Grouchy	Descousse River.....	do	Warden....	30 00
n Procter, sen..	Inhabitants River.....	Port Hawkesbury.....	do ...	20 00
raham Sampson	Petit de Grat Inlet.....	Petit de Grat.....	do ...	30 00
stinian Sampson	L'Ardoise.....	L'Ardoise.....	do ...	30 00
arles Grant.....	River Inhabitants.....	River Inhabitants.....	do ...	30 00
lan McRae.....	West Bay, Black River	West Bay.....	do ...	30 00
quhar McPher-				
on.....	River Moulin.....	River Moulin, Grand-digue Ferry, W.O.....	do ...	30 00
trick Kyte.....	River Tier.....	River Tier, St. Peters..	do ...	25 00
ix Gerroir.....	Grand Ruisseau.....	Grand Ruisseau, Arichat.....	do ...	25 00
lliam Kehoe....	False Bay and Breen's Brook.....	River Bourgeois, W.O..	do ...	25 00
	<i>Shelburne County.</i>			
a. John McGill..	Shelburne County	Shelburne.....	Overseer ..	125 00
Greenwood.....	Round Bay River and Indian Brook...	Clyde River, W.O.....	Warden ...	20 00
nothy Archer....	Birchtown River.....	Birchtown.....	do ...	30 00
rge Ryer.....	Roseway River.....	Shelburne.....	do ...	50 00
A. Holden.....	Ogden's Brook and Indian River.....	Jordan River.....	do ...	50 00
ary Ackerman..	Green Harbour.....	Ragged Island, Locke's Island, W.O.....	do ...	20 00
Crowell.....	Barrington River.....	Barrington.....	do ...	20 00
G. Nichol.....	Clyde River.....	Clyde River.....	do ...	20 00
T. Goudy.....	do to Yarmouth County Line	Barrington	Overseer ..	75 00
	Carried forward.....			11,260 00

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Concluded.

Name.	District.	Address.	Overseer or Warden.	Salary
				\$ c
	Brought forward			11,260 0
	<i>Victoria County.</i>			
Malcolm McIntosh.	Victoria County, North Division, from Smoky Head to Bay St. Lawrence..	Ingonish	Overseer ..	120 0
Donald McRae, jun	Victoria County, South Division	Baddeck	do ...	120 0
Murdock McRae....	River St. Ann's		Warden ...	30 0
John McLellan.....	Middle River	Middle River, W.O., Baddeck	Warden ...	25 0
Jno. McRae (Rory's son)	Middle River, Upper Settlement	McLeod, W.O.	do ...	25 0
Donald McQuarrie	do	Baddeck	do ...	25 0
Chris. McKenzie...	do	do	do ...	25 0
Donald McMillan...	Baddeck River	do	do ...	25 0
Donald McAuley...	do	do	do ...	25 0
Donald McRae	Baddeck River and tributaries	do	do ...	25 0
Frs. McGregor	Entrance of Baddeck River	Hunter's Mountain, W.O.	do ...	25 0
Angus McDouald ..	Washabuck River	Washabuck River	do ...	30 0
Kenneth McRae....	Indian Brook	Middle River	do ...	30 0
Roderick Beaton...	Hume's River	McNaughton's, W.O. ...	do ...	30 0
William Foyle.....	Peter's Brook	Baddeck River	do ...	30 0
Donald Finlayson.	Upper Settlement	Middle River	do ...	25 0
Donald Bochaman.	Barachois River	Barachois River	do ...	30 0
Malcolm McIver...	Indian Brook	Indian Brook	do ...	30 0
Arch. McDonald ..	North Harbour	North Harbour	do ...	25 0
Thos. Capstick	Salmon River, Bay St. Lawrence	Bay St. Lawrence, W.O.	do ...	25 0
Jos. Hellen	Cape North	Cape North	do ...	30 0
John McPherson...	Aspy Bay	Aspy Bay	do ...	25 0
Donald McRae	Red Head, Baddeck	Red Head, Baddeck	do ...	25 0
Andrew Watson ..	Baddeck River	Baddeck	do ...	25 0
Thos. Donovan	Colyburn Brook	Ingonish	do ...	25 0
	<i>Yarmouth County.</i>			
Enos Gardner	Yarmouth County	Tusket	Overseer ..	150 0
J. A. Hatfield	From Lower Narrows, Tusket River, to County line	do	Warden ...	50 0
William Kavanagh	Gurill's Bridge to Coldstream	do	do ...	25 0
Eustach Nickerson	Salmon River	Yarmouth]	do ...	25 0
Edward Perry	Little River	do	do ...	25 0
Jérôme Doucet	Tusket River	Tusket	do ...	30 0
Vital Mius	Tusket Forks	Tusket Forks	do ...	25 0
Joseph M. White...	Eel Lake	Eel Lake	do ...	25 0
Wm. Thurston, sen.	Cheggoggin River	Cheggoggin River	do ...	25 0
J. I. Brand	Pubnico and Argyle	West Pubnico	do ...	25 0
Geo. H. Robertson	Sea shore from Cheboque Point to Digby County line	Yarmouth	do ...	100 0
James Jeffery	From Cheboque Point to Cheggoggin Point	Overton	do ...	25 0
Jacob E. Cann	From Burn's Point to Digby County line	Maitland	do ...	25 0
	Total			12,670 0

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NEW BRUNSWICK.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
H. Venning...	New Brunswick.....	St. John, N.B.....	Insp'ct'r of Fisheries.	1,800 00
	<i>Albert County.</i>			
therl'nd Stewart	County of Albert.....	Alma	Overseer..	100 00
allace Taylor....	Petitcodiac River	Coverdale	Warden ..	40 00
McLatchey	Mouth of Petitcodiac River and Dor-	Hillsboro'	do ...	40 00
	chester Bay	Hopewell Corner	do ...	40 00
E. Kinne.....	Germantown Lake and Shepody River	Waterside.....	do ...	40 00
rtlet Oliver	Rocher Bay.....			
	<i>Carleton County.</i>			
ex. G. Lindsay...	Miramichi River (S.W.) from Head	Foreston	Overseer...	150 00
	Waters to Forks.....			
o. R. Burt.....	St. John River and tributaries, from	Upper Woodstock.....	do ...	100 00
	Long's Creek to Tobique River.....			
W. Scott.....	St. John River, from Eel River to	Canterbury	Warden ...	30 00
	Woodstock			
	<i>Charlotte County.</i>			
L. Cunningham	Inner Bay of Passamaquoddy	Chamcook, W.O	Overseer..	70 00
rtroleum. Brown.	Campo Bello and West Isles, with	Campo Bello	do ...	100 00
	coasts and streams in Charlotte Co.	St. Stephen	do ...	120 00
ank Todd.....	St. Croix River and tributaries.....			
B. McLaughlin	Grand Manan Island and spawning	Grand Manan.....	do ...	240 00
	grounds	La Tête, W.O.....	Warden ...	30 00
muel Dick.....	St. George to Beaver Harbour	Lepreaux.....	do ...	30 00
bert Dixon	Seeley's Cove to Lepreaux			
onard Best	East District, from La Tête to	Beaver Harbour, W.O.....	Overseer...	100 00
	Lepreaux	Deer Island.....	do ...	70 00
M. Lord.....	Deer Island.....	Grand Manan.....	Warden ...	30 00
drew Gilmour...	Northern Head, Grand Manan	do	do ...	30 00
ward Carroll...	Whitehead Island.....	Deer Island.....	do ...	30 00
omas Holmes...	West side Deer Island			
	<i>Gloucester County.</i>			
mes Hickson	River Nepisiguit and tributaries, with	Bathurst	Overseer...	350 00
	sea coast and streams from Belle-			
ste Haché.....	dune River to Grindstone Point.....	Caraquet	de ...	100 00
Muzzeroll.....	Oyster beds in County, Caraquet, and			
	Shippegan.....			
	Coast from County line to Green	Tracadie	Warden ...	30 00
	Point, including Big and Tracadie	Pokemouche.....	do ...	30 00
	Rivers.....			
mes Walsh.....	Pokemouche.....	Petit Rocher.....	do ...	100 00
édéric Comeau...	Petit Rocher, from Belledune to Mill			
	Stream			
les Dempsey	Salmon Beach, from Bass River to	Salmon Beach	do ...	30 00
	Grindstone Point	Grand Anse	do ...	30 00
n. Coughlan....	Grindstone Point to Grand Anse.....	Shippegan	do ...	100 00
olphe Haché	Shippegan	Tête-à-gauche, Bathurst	do ...	25 00
Rogers.....	Tête-à-gauche River			
Carried forward.....				3,935 00

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NEW BRUNSWICK—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary
	Brought forward.....			\$ c 3,985
	<i>Gloucester County—Concluded.</i>			
John Calnan, jun..	That part of River Tête-à-gauche from a mile above the Mill Dam to the source of said river.....	Kinsale	do ...	25
Joseph Sewell.....	Pokemouche River.....	Pokemouche.....	Overseer..	50
Gustave Cormier...	Caraget Herring Banks.....	Caraget.....	do ...	50
Joseph Poirier.....	Bay Chaleurs, between, Grand Anse and Point Mizzenette.....	Grand Anse	do ...	100
Alex. Boyd.....	Little Shippegan to Miscou	Little Shippegan	Warden ...	30
	<i>Kent County.</i>			
Charles Cormier...	Cocagne River.....	Cocagne.....	Overseer..	100
W. F. Hannah.....	Richibucto River.....	Richibucto.....	do ...	75
F. B. Leger.....	Little Buctouche River.....	Little Buctouche River	Warden ...	80
M. A. Girouard. ...	Big do	Buctouche	Overseer..	75
James Harnett.....	From the mouth of Nicholas River, on the Buctouche, upwards, including Nicholas River	Weldford.....	Warden ...	80
Lazare Guimon. ...	From Kouchibouquacis to Chockfish River	Kouchibouquac.	do ...	80
Nicholas Muzzeroll	From Kouchibouquacis River to Point Sapin	do	do ...	50
A. L. Collet	Buctouche Bay.....	Buctouche.....	do ...	80
A. T. Leblanc	Canaan River	Legerville.	Overseer..	75
	<i>King's County.</i>			
Samuel Gosline...	From mouth of Smith's Creek, up- wards.....	Smith's Creek, W.O ...	Overseer..	100
Samuel F. Ryan ...	Mill Stream	Studholm, Apohaqui ...	Warden ...	30
James A. Belyea...	St. John River and Belle Isle Bay and streams running thereinto.	Westfield.	Overseer ..	50
Samuel Gamblin ...	Washademoak Lake and its tributaries in King's and Queen's Counties	English Settlement, Pearson's, W.O.....	Warden ...	30
S. Spragg	Belle Isle Bay	Belle Isle.	do ...	50
Jonah Keith	North and Canaan River	Havelock.....	do ...	30
	<i>Northumberland County.</i>			
Prudent Robichaud	Burnt Church River and tributaries, and Upper Tabusintac River.	Upper Nenguac.	Overseer .	100
John Stymast.....	Lower Tabusintac River.....	Stymast Road, Nenguac	do ...	100
William Wyse ...	Herring fisheries, Miramichi Bay, and Bass fishing in Napan Bay and Black Rivers.....	Chatham.....	do ...	200
Thomas Parker ...	Miramichi River and tributaries, from Beaubair's Island to Blackville....	Newcastle	do ...	160
Samuel Holt.....	From lower line of Blackville to Bliss- field	Blackville	do ...	160
John Hogan	Miramichi River (N.W.) and tribu- taries, from Chatham Ferry, up- wards	Newcastle.....	do ...	400
	Carried forward			6,345

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NEW BRUNSWICK—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			\$ cts.
	Northumberland County—Continued.			
Aaron Hovey.....	Miramichi River (S.W.) and tributaries, from Nelson's to head of Hovey Island.	Boiestown.....	Warden ..	30 00
George Bryanton..	From Elm Tree Brook to Squire Underhill's, on the S. W. Miramichi River.....	Derby, W.O.....	do ...	30 00
Kenneth Cameron..	Miramichi River (S.W.) from line of Blissfield to the head waters and tributaries.....	Boiestown.....	Overseer...	100 00
Patrick Bergin....	From Underhill's to Stephen Mitchell's, on S. W. Miramichi.....	Dumphey, W.O., Parish of Blackville, S.W., Miramichi.....	Warden ...	30 00
Thomas Smith.....	From lower end of Fingley's Island, on N.W. Miramichi, upwards, and the Big Sevogle.....	North Esk, Red Bank, W.O.....	do ...	30 00
ared Blackmore ..	From lower side of Ox Bow, on the Little South West, upwards.....	do do ...	Overseer..	50 00
Patrick Gillis.....	Little S. W. River and tributaries.....	do do ...	Warden ...	30 00
enis Hogan.....	Renous River and tributaries.	Renous Bridge, W.O.....	do ...	30 00
Michael Donovan..	do	do	do ...	30 00
ohn Shaddick..	Big Sevogle to Square Forks.....	Sevogle.....	do ...	50 00
. McDairmid.....	Napan and Black Rivers and tributaries.....	Napan, W.O., Chatham.....	do ...	30 00
ohn G. Williston.	Bay du Vin River and Bay, with Parish of Hardwick, Fox and other Islands and Stations on South side of Main Channel Miramichi River...	Bay du Vin, W.O.....	Overseer..	100 00
ohn Noble.....	Miramichi Bay, from Fox Island to Escuminac	Miramichi Bay	do ...	100 00
noch A. Bamford	South West Miramichi, within Parish of Blissfield.....	Blissfield.	Warden ...	50 00
umuel Freeze.....	From Doaktown to Hovey Islands, in the Parish of Blissfield, on the South West Miramichi River.....	Doaktown, Miramichi..	Overseer...	100 00
aniel Mathews....	From lower side of Ox Bow, on Little South West Miramichi, upwards	Little South West Miramichi ..	Warden ...	30 00
at. Morehouse....	Arbo Settlement, Parish of Blackville, South West Miramichi.	Arbo Settlement	do ...	30 00
Underhill.....	Coughlan Settlement, Parish of Blackville, South West Miramichi	Coughlan Settlement..	do ...	30 00
hn Doyle.....	Tabusintac and Bartibog Rivers.	Bartibog	do ...	30 00
George Hubbard...	Whitney Settlement, N. W. Miramichi	North Esk.....	do ...	50 00
hn Blake.....	Miramichi River and tributaries, from Point aux Carr to Middle Island.....	Black Brook.....	do ...	70 00
agus McIntosh...	Miramichi River and tributaries, from Middle Island to Newcastle Ferry...	Chatham Head.....	do ...	30 00
bal Watling.....	Black River and tributaries in the Parish of Glenelg.....	Black River.....	do ...	30 00
umuel Kingston..	Upper waters, N. W. Miramichi River, from Rolph's Crossing, upwards.....	.....	do ...	50 00
	Carried forward.....			7,755 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NEW BRUNSWICK—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary. \$ cts.
	Brought forward .....	.....	.....	7,755 00
	<i>Northumberland County—Concluded.</i>			
James Fitzpatrick.	Black River	Napan	Warden ..	30 00
M. Ryan	North West Miramichi	North Esk	do ..	30 00
M. Hayes	Dungarvon River	Renous River	do ..	30 00
	<i>Queen's County.</i>			
I. T. Hetherington	From Cole's Island to foot of Washademoak Lake	Jenkins, W.O. Johnson	Overseer..	100 00
Isaiah Langan.....	Salmon River	Chipman W. O. Gaspareaux	do ..	30 00
Robert Philips.....	Head waters, Washademoak Lake.....	.....	Warden ..	25 00
	<i>Restigouche County.</i>			
A. Macpherson.. ...	From Belledune to Dalhousie	River Charlo	Overseer .	100 00
	<i>Sunbury County.</i>			
G. W. Hoben.	St. John River, Indiantown to County Line of York			
W. E. Taylor.	do			
	<i>St. John County.</i>	Burton, W.O.....	Overseer..	100 00
		Sheffield.....	Warden...	30 00
Joseph O'Brien. ...	St. John County			
Wm. E. Skillen....	Eastern part of St. John County, from Quaco Head to Goose River.	Carleton, St. John.....	Overseer..	150 00
		St. Martins.	do ..	100 00
	<i>Victoria County.</i>			
Thos. D. Ryan....	County of Victoria			
Jno. McDougall...	Three Brooks, Branch of Tobique River.....	Grand Falls	Overseer .	150 00
		Rocky Brook, Parish of		
Jno. C. McCloskey	Salmon River	Lorne	Warden ..	30 00
Donald Fraser	Tobique River	Andover.	do ..	30 00
Thos. Edgar	Middle Division, Tobique River	Arthurette, W.O.....	do ..	30 00
J. McNab Cameron	Tobique River	Three Rivers.....	do ..	30 00
Magloire Caron. ...	Baker's Lake and adjoining streams...	Tobique River	do ..	30 00
		Caron Brook.....	do ..	30 00
	<i>Westmoreland County.</i>			
W. B. Deacon.....	Shediac Harbour and River.....	Shediac	Overseer..	100 00
D. T. Cormier	Dorchester Bay	Pré-d'en haut.....	do ..	60 00
Robt. Goodwin....	The Parishes of Sackville and Westmoreland	Bay Verte	do ..	100 00
	Carried forward .....	.....	.....	9,070 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NEW BRUNSWICK—*Concluded.*

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			\$ cts. 9,070 00
	<i>York County.</i>			
Robert Orr.....	County of York	Fredericton.....	Overseer ..	150 00
J. A. Campbell ..	Grand Pass, on St. John River, upwards, from Crock's Point to Lower Line of York County, including Nashwaak River	Kingsclear, W.O., Fredericton.	Warden ...	60 00
A. B. Cronkhite? ..	St. John River, from Upper Line of York County to Crock's Point, on River St. John	Southampton.....	do ...	60 00
A. Moir.....	From Price's Bend to Burnt Hill, S.W. Miramichi.	Bloomfield	do ...	30 00
A. Cunningham ..	Skiff and Palfrey Lakes.	Canterbury Station.	Overseer ..	50 00
	Total.....			9,420 00

PROVINCE OF PRINCE EDWARD ISLAND.

J. H. Duvar	Prince Edward Island.....	Alberton	Inspector of Fisheries ...	800 00
	<i>Queen's County.</i>			
Michael Ready.....	Winter River	Tracadie	Warden ...	30 00
Lionel Garnum.....	do	Winter River	do ...	30 00
S. Vanderstine.....	Vernon River	Vernon River	do ...	30 00
Geo. Stephensen.....	New Glasgow River	New Glasgow	do ...	30 00
James Power.....	Huntley and Wheatley Rivers	Hunter River	do ...	30 00
Jonathan Delaney.....	New London	New London.....	do ...	30 00
John Mathieson.....	Bonshaw, from Appin Road to Dog River, and from South Wiltshire Road to the Coast	West River.....	do ...	30 00
Finlay Mackenzie.....	Lots 60 and 62	Pinette River	do ...	30 00
Francis Stanley	Charlottetown, including East, West and North Rivers	Charlottetown.....	do ...	30 00
Wm. Whitehead	South West River	S. W. River	do ...	30 00
Thomas Murphy	Trout River	Trout River	do ...	30 00
Peter Traynor.....	Johnston's River, including Oyster Fishery at its mouth	Johnston's River	do ...	30 00
Geo. Loughrin	Orwell and Newtown Rivers	Orwell	do ...	30 00
W. Campbell	Cousin's Run.....	Cousin's Run.....	do ...	30 00
George F. Beers	Pownal Bay and Seal River	Cherry Valley	do ...	30 00
James Howatt.....	Crapaud	Crapaud	do ...	30 00
Dominique Buotte.....	District of Rustico	Rustico	do ...	30 00
	<i>Prince County.</i>			
Henry Clark.....	Dunk River and Egmont Bay.....	Summerside	Overseer..	200 00
L. Bryant	From western bank of Big Pierre Jacques River to the point where the North line of Lot 15 touches the shore of Egmont Bay	Enmore River	Warden ...	30 00
	Carried forward			1,540 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF PRINCE EDWARD ISLAND—*Concluded.*

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward..			4,540 00
	<i>Prince County—Concluded.</i>			
Calvin Howat.....	Tryon River.....	Tryon River.....	Warden ..	30 00
John Rix	Miminigash	Miminigash.....	do ..	30 00
James Ramsay.....	Lot 13, Trout River	Lot 13.....	do ..	30 00
Jas. A. McDonald..	Grand River.....	Grand River.....	do ..	30 00
John Tucker.....	Dunk River, Lot 25	Lot 25.....	do ..	30 00
Patrick McBride...	do do	do	do ..	30 00
William Burns.....	do do	do	do ..	30 00
James Nelligan....	Nail Pond and Skinner's Pond	Nail Pond	do ..	30 00
John Beaton	Lots 5, 6 and 10	Lot 10.....	do ..	30 00
Geo. A. Sharpe....	Lot 12, on the Narrows	Lot 12.....	do ..	30 00
John A. Sharpe....	Summerside, including Bedeque Bay and South part of Richmond Bay...	Summerside	do ..	30 00
John Chaisson Chapel	Tignish, from line of Lot No. 2, north- ward, to include Little and Big Tignish, and westward to Railway.	Tignish	do ..	30 00
Peter Aylward.....	Skinner's Pond, southward, from south end of Nail Pond to Black Pond, inclusive, and East to Rail- way	do	do ..	30 00
Alex. McDonald...	Casumpeque Bay and Inlet, from the Narrows to Kildare Capes	Alberton ..	do ..	30 00
Thos. Drummond'.	Dunk River.....	Freetown ..	do ..	30 00
V. S. Gillis	Richard Bay and Malpeque.....	Indian River, Lot 18...	do ..	30 00
Lawrence Doyle...	From Little Miminigash to Cape Wolfe	Lot 3.....	do ..	30 00
J. K. Ramsay.....	From Cape Wolfe to Brae River.....	Lot 7.....	do ..	30 00
J. A. Arsensault...	Lot 15, Egmont Bay	Abram's Village.....	do ..	30 00
J. F. B. Holland...	From Graham Head, Lot 26, to Cape Traverse	Bedeque	do ..	30 00
	<i>King's County.</i>			
Henry Morrow.....	Souris River.....	Souris River.....	do ..	30 00
Allan McDonald...	North Lake.....	North Lake.....	do ..	30 00
Malcolm Mathew- son	Grand River.....	Grand River.....	do ..	30 00
Ronald McDonald..	Naufrage River	Naufrage River.....	do ..	30 00
Daniel Reilly.....	Montague, from Georgetown Road to Whim Road, and from County Line to the Coast.....	Montague River.....	do ..	30 00
John Lowe.....	Murray Harbour and River, including Lots 63 and 64.....	Murray Harbour	do ..	30 00
Peter Duffy.....	St. Peter's and Morell.....	St. Peter's.....	do ..	30 00
James Mitchell.....	First District of Morell	Peake's Road	do ..	30 00
John O'Brien.....	Second do	Morell River.....	do ..	30 00
Pat. McCullough..	Third do	Peake's Road	do ..	30 00
J. H. Dingwell....	Fourth do	Morell River.....	do ..	30 00
James Burke.....	Cardigan Bay.....	Georgetown	do ..	30 00
Robert Quinn.....	Brudenell River.....	Cardigan.....	do ..	30 00
John Conaghan....	Bay Fortune, from Little River to Rollo Bay	Bay Fortune.....	do ..	30 00
	Total ..			2,560 00

SCHEDULE of Fishery Officers in the Dominion—*Concluded.*

PROVINCE OF BRITISH COLUMBIA.

Name.	District.	Address.	Overseer or Warden.	Salary.
Geo. Pittendreigh.	British Columbia.....	New Westminster.....	Inspector of Fish- eries.....	\$ cts. 800 00

PROVINCE OF MANITOBA.

Alex. McQueen....	Province of Manitoba.....	Winnipeg.....	Inspector of Fish- eries.....	900 00
F. C. Gilchrist	Qu' Appelle River and adjoining lakes	Fort Qu' Appelle	Overseer...	.....

STATEMENT

OF EXPENDITURE on account of Fisheries, for the Year ended 30th June, 1884.

To whom Paid.	Service.	Amount.	Total.
ONTARIO.			
SALARIES OF FISHERY OVERSEERS AND GUARDIANS.		\$ cts.	\$ cts.
J. W. Kerr.	For 12 months salary as Fishery Overseer, to 30th June, 1884.....	500 00	
C. Gilchrist	do	400 00	
Chas. Wilkins.....	do	400 00	
F. Boismier.....	do	300 00	
J. Redmond	do	300 00	
Peter McCann	do	250 00	
Geo. Cochrane.....	do	250 00	
John Mooney.....	do	200 00	
Peter Kiel	do	200 00	
David Sharp	do	200 00	
D. McMaster	do	200 00	
D. A. Cameron.....	do	200 00	
Wm. Boucher.....	do	175 00	
G. B. McDermott.....	do	150 00	
Jos. Wilson.....	do	150 00	
L. S. Saunders.....	do	150 00	
A. D. Sills.....	do	150 00	
J. McMullan	do	150 00	
W. E. Foote	do	125 00	
Wm. Prosser.....	do	100 00	
A. C. McKinnon	do	100 00	
James Muir.....	do	100 00	
G. S. Miller	do	100 00	
Samuel Frazer.....	do	100 00	
James Dickson	do	100 00	
J. Dauncey.....	do	100 00	
W. A. McRae.....	do	100 00	
J. A. Cameron.....	do	100 00	
P. McCarron.....	do	100 00	
Ephraim Deacon.....	do	100 00	
J. R. Graham.....	do	100 00	
W. P. Croome.....	do	100 00	
Wm. Helliwell.....	do	100 00	
T. Merritt	do	100 00	
Robt. Gilbert.....	do	100 00	
H. R. Purcell.....	do	100 00	
G. R. Steele	do	100 00	
N. Acton.....	do	100 00	
N. Simmons	do	100 00	
C. Roper.....	do	100 00	
John Grant.....	do	91 66	
Geo. Jeacle	do	87 50	
T. McQueen.....	do	75 00	
W. H. Johnston.....	do	75 00	
Wm. Johnson.....	do	75 00	
John Wallace.....	do	50 00	
Carried forward		7,004 16	

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued*,

To whom Paid.	Services.	Amount..	Total.
	Brought forward.....	\$ cts. 7,004 16	\$ cts.
ONTARIO— <i>Continued</i> .			
SALARIES OF FISHERY OVERSEERS AND GUARDIANS— <i>Continued</i> .			
John Cox	For 12 months salary as Fishery Overseer, to 30th June, 1884		
Alex. McBride	do	50 00	
John McMichael.....	do	50 00	
Andrew Hughson.....	do	50 00	
J. Cummins.....	do	50 00	
Andrew Telfer.....	do	50 00	
Wellington Hull.....	do	50 00	
Wm. Hastings.....	do	50 00	
G. W. Raymond.....	do	50 00	
Wm. Poole	do	50 00	
A. E. Mills.....	do	50 00	
J. R. McDonald.....	do	50 00	
T. McGarrity.....	do	50 00	
J. B. Moody	do	50 00	
Wm. McDermot.....	do	50 00	
John Murphy.....	do	50 00	
Peter Price.....	do	50 00	
R. G. Dalton.....	do	50 00	
John Smith.....	do	50 00	
Hugh McFayden.....	do	40 00	
Wm. Hicks.....	do	40 00	
James Greer.....	do	40 00	
W. B. Jelly.....	do	40 00	
Jas. McFadden.....	do	30 00	
W. D. Pollock.....	do	30 00	
O. Miron	do	30 00	
M. L. Russell.....	do	25 00	
Thomas McKibbin.....	do	25 00	
Geo. Douglas.....	do	25 00	
Arch. Acheson.....	do	25 00	
Jos. Belanger.....	do	25 00	
Henry Hunt.....	do	20 00	
A. Quenneville	do	20 00	
Angus Brady.....	18 do	60 00	
F. M. G. Fraser.....	6 do	25 00	
Solomon James.....	6 do	25 00	
J. Patton.....	Balance salary.....	67 74	
J. R. Proctor.....	Salary as acting Fishery Overseer.....	20 00	
N. Flanagan.....	Wages as Guardian.....	50 00	
			8,616 90
DISBURSEMENTS OF FISHERY OVERSEERS.			
J. W. Kerr.....	For 12 months disbursements, to 30th June, 1884.....	883 89	
Joseph Wilson.....	do	449 60	
Chas. Gilchrist.....	do	444 95	
Chas. Wilkins.....	do	378 50	
Geo. Cochrane.....	do	333 43	
Wm. Boucher.....	do	290 25	
J. A. Cameron.....	do	263 15	
G. B. McDermot.....	do	254 00	
John Mooney.....	do	189 00	
	Carried forward.....	3,486 77	8,616 90

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	3,486 77	8,616 90
	ONTARIO— <i>Continued.</i>		
	DISBURSEMENTS OF FISHERY OVERSEERS, ETC.— <i>Con.</i>		
A. C. McKinnon.....	For 12 months disbursements, to 30th June, 1884...	187 05	
Samuel Frazer.....	do do	143 00	
W. E. Foote.....	do do	115 74	
Jos. Redmond.....	do do	109 55	
N. Simmons.....	do do	102 00	
Wm. Helliwell.....	do do	91 70	
David Sharpe.....	do do	91 28	
Thomas Merritt.....	do do	90 00	
James Dickson.....	do do	89 75	
W. H. Johnston.....	do do	80 50	
George Jeacle.....	do do	79 50	
Andrew Hughson.....	do do	76 00	
Timothy McQueen.....	do do	75 50	
W. P. Croome.....	do do	66 99	
H. R. Purcell.....	do do	63 80	
Wellington Hull.....	do do	63 50	
Wm. Hastings.....	do do	61 50	
L. S. Saunders.....	do do	61 26	
A. D. Sills.....	do do	59 00	
R. Gilbert.....	do do	58 50	
John Grant.....	do do	56 15	
G. S. Miller.....	do do	52 00	
Peter Kiel.....	do do	51 50	
Geo. Douglas.....	do do	46 50	
J. R. Graham.....	do do	46 00	
Peter McCann.....	do do	44 40	
W. A. McRae.....	do do	29 50	
W. B. Jelly.....	do do	39 00	
Wm. Hicks.....	do do	38 00	
John Cox.....	do do	34 00	
Wm. McDermott.....	do do	33 99	
John McMichael.....	do do	33 50	
Arch. Acheson.....	do do	33 75	
James Muir.....	do do	32 00	
Wm. Johnson.....	do do	31 95	
R. G. Dalton.....	do do	30 65	
E. Boismier.....	do do	29 50	
J. McMillan.....	do do	28 45	
Terrence McGarrity.....	do do	21 25	
John Murphy.....	do do	16 25	
Peter Price.....	do do	16 00	
A. Quenneville.....	do do	16 00	
Andrew Telfer.....	do do	14 50	
Jas. Cummins.....	do do	13 50	
Wm. Poole.....	do do	12 25	
J. B. Moody.....	do do	12 00	
John Dauncey.....	do do	11 50	
A. E. Mills.....	do do	11 25	
Ephraim Deacon.....	do do	10 00	
Henry Hunt.....	do do	9 00	
J. R. Procter.....	do do	8 50	
T. McKibbin.....	do do	8 00	
N. Acton.....	do do	5 80	
	Carried forward.....		6,134 53
			14,751 43

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward	\$ cts.	\$ cts.
			14,751 43
	ONTARIO— <i>Concluded.</i>		
	DISBURSEMENTS OF FISHERY OVERSEERS, ETC.— <i>Con.</i>		
orge Moberly	Tug for Overseer Patton.....	150 00	
Cameron	Wages of boatmen	87 70	
Fraser	do	70 00	
y Read	Special Guardian, Rideau River.....	56 05	
s. Devitt.	do	40 05	
R. Springer	Professional services.....	18 00	
Houghton.	Removing saw dust, Sydenham River.....	15 00	
H. Davies.....	Horse hire.....	4 50	
			441 30
	Total.....		15,192 73
	QUEBEC.		
	SALARIES OF FISHERY OVERSEERS AND GUARDIANS.		
A. Verge.....	For 12 months salary as Fishery Overseer, to 30th June, 1884.....	500 00	
W. Austin.....	do	400 00	
. Marion.....	do	250 00	
vis Caron	do	200 00	
n Morris.....	do	200 00	
n Cullen.....	do	200 00	
ille Barbeau	do	200 00	
ignault.....	do	200 00	
Mathurin	do	200 00	
lip Vibert.....	do	200 00	
Radford.....	do	200 00	
. Chevalier.....	do	150 00	
L. Duguay.....	do	150 00	
. Duchésne.....	do	150 00	
. Bélanger.....	do	150 00	
C. Willis.....	do	150 00	
s Gauvreau	do	100 00	
Martin.....	do	100 00	
. Grondin.....	do	100 00	
Blais.....	do	100 00	
. Letourneau.....	do	100 00	
. Huot.....	do	100 00	
egouve.....	do	100 00	
H. Whitely.....	do	100 00	
. Chevrier.....	do	100 00	
. Beach	do	100 00	
atraverse.....	do	100 00	
McLeod.....	do	100 00	
ues Girard.....	do	100 00	
Lauzon.....	do	100 00	
. McDonald	do	100 00	
a Kelly.....	do	87 50	
esauniers	do	75 00	
ubé.....	do	75 00	
. Picotin.....	do	75 00	
. Bourk	do	75 00	
Ritchie.....	do	75 00	
	Carried forward.....	5,462 50	

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued*

To whom Paid.	Service.	Amount.	Total
		\$ cts.	\$
	Brought forward.....	5,462 50	
	QUEBEC— <i>Continued</i> .		
	SALARIES, ETC.— <i>Continued</i> .		
J. S. Martel.....	For 12 months salary as Fishery Overseer, to 30th June, 1884.....	75 00	
John Phelan.....	do do.....	50 00	
Joseph Boily.....	do do.....	50 00	
P. E. Luke.....	do do.....	50 00	
J. Laberge.....	do do.....	50 00	
Romuald Maltais.....	do do.....	50 00	
Charles Potvin.....	do do.....	50 00	
Ulysse Bhéreur.....	do do.....	50 00	
J. T. Coghlan.....	do do.....	50 00	
Robt. Joynt.....	do do.....	50 00	
Job Bilodeau.....	do do.....	50 00	
Charles Ascah.....	do do.....	50 00	
Joseph Simard.....	do do.....	40 00	
R. W. Jones.....	do do.....	40 00	
Vital Veilleux.....	do do.....	40 00	
James Mohr.....	do do.....	40 00	
S. A. Grant.....	do do.....	40 00	
George Gagnon.....	do do.....	30 00	
Henri Côté.....	do do.....	30 00	
Edward Martin.....	do do.....	30 00	
Antoine Filion.....	do do.....	30 00	
Alexander Beaton.....	do do.....	30 00	
M. Hurteau.....	do do.....	25 00	
L. Lachapelle.....	18 do do.....	45 00	
T. Sabourin.....	8½ do do.....	70 83	
A. Campbell.....	6 do 31st December, 1883... ..	50 00	
T. Décoteau.....	6 do do.....	37 50	
D. Bédard.....	6 do do.....	30 00	
W. Clyde.....	6 do do.....	25 00	
D. D. Foster.....	6 do do.....	12 50	
Jos. Gingras.....	6 do 30th June, 1884.....	12 50	
J. Boivin.....	3 do do.....	12 50	
T. Marchessault.....	3 do do.....	12 50	
J. B. Saucier.....	2 do do.....	16 66	
D. McLaren.....	Wages as Guardian, Saguenay District.....	39 50	
P. Dufour.....	do do.....	22 00	
A. Simard.....	do Bergeronnes.....	20 00	
P. Pednault.....	do do.....	22 00	
Wm. Manning.....	do Laval.....	22 00	
Jos. Radford.....	Postages, etc.....	3 00	
Wm. Delaney.....	Wages as Guardian, Restigouche River, 1883... ..	137 00	
S. Ferguson.....	do do.....	128 00	
And. Alford.....	do do.....	127 00	
Thomas Downs.....	do do.....	125 00	
Thomas Dickson.....	do do.....	106 50	
G. Lefurgey.....	do do.....	100 00	
Jos. Eden, jun.....	do Gaspé Division.....	65 00	
G. T. Annett.....	do do.....	43 00	
Thomas Ramsey.....	do do.....	40 00	
P. Miller.....	do do.....	35 00	
W. McGowan, jun.....	do Lake Memphremagog.....	54 00	
U. Bhéreur.....	do do.....	47 00	
O. Hutchins.....	do do.....	46 00	
M. A. Ballard.....	do do.....	29 00	
	Carried forward.....	7,998 49	

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward	7,998 49	
	QUEBEC—Continued.		
	SALARIES, ETC.—Concluded.		
A. Beach	For Wages as Guardian, Lake Memphremagog	22 00	
Evans	do do	12 00	
n Jardine	do do	8 00	
E. Peasley	do do	6 00	
n Carberry	do Grand River	27 00	
I. Annett	do do	3 90	
Tremblay	do Portneuf River	25 00	
Simard	do Lakes near Murray Bay	21 60	
R. Cameron	do Derry Lakes	15 00	
Gaudin	do Little River	6 00	
McCallum	Watching nets, Season 1883	20 00	
Fournier	Wages and board	43 50	
Daigle	do	43 50	
Gaudreau	do	10 50	
			8,262 49
	DISBURSEMENTS OF FISHERY OVERSEERS.		
Marion	For 12 months disbursements, to 30th June, 1884 ...	410 90	
Radford	do do	365 05	
C. Willis	do do	240 65	
L. Duguay	do do	207 00	
Mignault	do do	183 69	
Mathurin	do do	148 10	
n Kelly	do do	147 50	
A. Verge	do do	143 75	
Desaulniers	do do	141 00	
n Morris	do do	139 90	
lip Vibert	do do	132 41	
bert Joynt	do do	125 75	
n Cullen	do do	124 65	
Duchesne	do do	122 25	
n Legouve	do do	121 50	
D. Belanger	do do	119 68	
n McLeod	do do	116 00	
W. Austin	do do	115 90	
chim Laberge	do do	111 30	
P. Picotin	do do	95 33	
E. Luke	do do	92 85	
C. Caron	do do	91 40	
Dubé	do do	84 50	
l. Chevalier	do do	72 00	
E. Chevrier	do do	67 71	
Lauzon	do do	63 30	
Latraverse	do do	60 35	
Chambers	do do	60 00	
Letourneau	do do	58 75	
Martin	do do	57 60	
W. Jones	do do	56 50	
es Gauvreau	do do	55 50	
Beaton	do do	52 00	
Bilodeau	do do	51 25	
Hurteau	do do	47 90	
l. Ritchie	do do	41 65	
Gingras	do do	37 50	
	Carried forward	4,366 07	8,262 49

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 4,366 07	\$ 8,26
	QUEBEC— <i>Concluded.</i>		
	DISBURSEMENTS OF FISHERY OVERSEERS— <i>Concluded.</i>		
N. A. Beach	For 12 months' disbursements, to 30th June, 1884 ...	35 25	
Romuald Maltais.....	do do	33 00	
J. S. Martel	do do	32 50	
Chas. Potvin	do do	42 50	
John Phelan.....	do do	24 00	
Wm. Clyde	do do	19 25	
J. B. McDonald	do do	17 25	
Ulysse Bhereur	do do	15 00	
V. Veilleux	do do	15 00	
Thos. Decoteau	do do	14 30	
P. C. Bourk	do do	12 40	
L. Lachapelle	do do	11 70	
S. A. Grant	do do	11 40	
G. Gagnon	do do	10 00	
J. T. Coghlan	do do	7 03	
L. P. Huot	do do	5 12	
James Mohr	do do		
Pat. Stephens	Special Guardian, Matane River.....	50 00	4,686
A. Rattee	Repairs to boats	27 00	
A. Campbell	Rent of fishing rights, Campbell's Bay, 1883	25 00	
J. McLachlin	do do	20 00	
James Lamb	do do	15 00	
F. Johnston	do do	10 00	
B. Hodgins	do do	10 00	
L. Carpentier	Fish Bay, 1883	20 00	
M. Gleeson	do do	10 00	
P. & T. McNamara	do do	5 00	
M. McLauchlin	do do	5 00	
M. Summers	do do	5 00	
J. McDermaid	do do	5 00	
J. Bedard	do do	5 00	
D. Bedard	do do	5 00	
S. P. Bauset	Disbursements	20 00	
	Total		237
			13,186
	NOVA SCOTIA.		
	SALARIES OF FISHERY OVERSEERS AND WARDENS.		
	County of Annapolis.		
W. T. Carty	For 12 months salary, to 30th June, 1884.....	120 00	
A. F. Morton	do do	25 00	
Geo. Vroom	do do	25 00	
Wm. Crosscup	do do	25 00	
W. A. Rice	do do	25 00	
Wm. Bailley	do do	25 00	
Michael Riordan	do do	25 00	
Albert Barteaux	do do	25 00	
T. R. Ilsley	do do	25 00	
	Carried forward.....		320
			320

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward .....	.....	320 00
	NOVA-SCOTIA— <i>Continued.</i>		
	SALARIES, ETC— <i>Continued.</i>		
	<i>County of Antigonish.</i>		
McDonald.....	For 12 months salary, to 30th June, 1884.....	125 00	
lin Cameron.....	do do	30 00	
Dexter.....	do do	30 00	
is McDonald.....	do do	25 00	
Aymer.....	do do	25 00	
Chisholm.....	do do	25 00	
ld Chisholm.....	do do	25 00	
McAdam.....	do do	25 00	
s Chisholm.....	do do	25 00	
McDougall.....	do do	25 00	
ld McDonald.....	do do	25 00	
Cumming.....	do do	20 00	
an Frazer.....	do do	20 00	
rt Randall.....	do do	15 00	
			440 00
	<i>County of Cape Breton.</i>		
is Quinan.....	For 12 months salary, to 30th June, 1884.....	120 00	
McDonald.....	do do	120 00	
Barrington.....	do do	120 00	
ld McDonald.....	do do	45 00	
McEachen.....	do do	25 00	
is Morrison.....	do do	25 00	
s Murphy.....	do do	25 00	
clLellan.....	do do	25 00	
ick Keefe.....	do do	25 00	
ld McCormack.....	do do	25 00	
Burke.....	do do	25 00	
a McAdam.....	do do	25 00	
McNeil.....	do do	25 00	
McLean.....	do do	20 00	
McDonald.....	do do	20 00	
			670 00
	<i>County of Colchester.</i>		
. Davison.....	For 12 months salary, to 30th June, 1884.....	100 00	
y Blair.....	do do	100 00	
Pollock.....	do do	75 00	
erson Gass.....	do do	50 00	
el McKay.....	do do	40 00	
. Fulton.....	do do	30 00	
ge Fulton.....	do do	25 00	
ge Moore.....	do do	25 00	
. Murray.....	do do	25 00	
Winton.....	do do	25 00	
ed Wright.....	do do	25 00	
thy Johnson.....	do do	25 00	
. Fulton.....	do do	25 00	
y Urquhart.....	do do	25 00	
uel Frame.....	do do	25 00	
	Carried forward	620 00	1,430 00

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$
	Brought forward	620 00	1,430
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, ETC.— <i>Continued.</i>		
	County of Colchester— <i>Concluded.</i>		
Ed. Rutherford	For 12 months salary, to 30th June, 1884	25 00	
Hibbert Corbett	10 do do	20 84	
Jesse Fulmer	10 do do	20 84	
Henry Blair	Balance of salary to 30th June, 1883	37 50	724
	County of Cumberland.		
Elijah Fowler	For 12 months salary, to 30th June, 1884	130 00	
G. W. Gilroy	do do	100 00	
Wm. Murphy	do do	30 00	
J. W. Moore	do do	25 00	
David Corbett	do do	25 00	
Moses Harrison	do do	25 00	
F. L. Jenks	do do	25 00	
T. R. Smith	do do	25 00	
Samuel McPherson	do do	25 00	
Joseph Porter	do do	25 00	
Sydney Smith	do do	25 00	460
	County of Digby.		
Wm. Hanley	For 12 months salary, to 30th June, 1884	120 00	
A. L. Gavil	do do	25 00	
Lochin McKay	do do	25 00	
Robert Journey	do do	25 00	
J. A. Collins	7 do do	70 00	265
	County of Guysborough.		
James A. Tory	For 12 months salary, to 30th June, 1884	150 00	
Allan McQuarrie	do do	100 00	
D. A. McDonald	do do	40 00	
Donald Gunn	do do	30 00	
Wm. Pride	do do	30 00	
Adam Kirk	do do	30 00	
Thomas McKeen	do do	30 00	
James Cook	do do	25 00	
Wm. McDonald	do do	25 00	
J. L. Smith	do do	25 00	
Angus Cameron	do do	25 00	
James McEllum	do do	25 00	
John Jones	do do	25 00	
James Henderson	do do	25 00	
Samuel Hudson (Lewis' son)	do do	25 00	
J. J. Sangster	do do	25 00	
James Harrigan, jun	do do	25 00	
D. McC. Sinclair	do do	20 00	
Duncan Cameron	do do	20 00	
Charles Kenney	do do	15 00	
	Carried forward	715 00	2,879

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	715 00	2,879 18
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, ETC.— <i>Continued.</i>		
	County of Guysborough— <i>Continued.</i>		
ert McKay	For 12 months salary, to 30th June, 1884.....	15 00	
es Nickerson.....	do do	15 00	
e Harpell	do do	15 00	
i. Mattie.....	do do	15 00	
. Bruce.....	do do	10 00	
			785 00
	County of Halifax.		
a Fitzgerald	For 12 months salary, to 30th June, 1884.....	150 00	
c Gaetz	do do	150 00	
aniel Mason.....	do do	75 00	
ibald Kidston.....	do do	40 00	
. Tolson	do do	40 00	
. Shatford.....	do do	40 00	
es Blakely.....	do do	30 00	
ald McLean	do do	30 00	
. Keizer	do do	30 00	
i Fraser	do do	30 00	
rge McLeod	do do	30 00	
es E. Whitman	do do	30 00	
iam Burris.....	do do	30 00	
. Henry.....	do do	30 00	
es Crooks.....	do do	25 00	
ick Hughes.....	do do	25 00	
iel Mosher	do do	20 00	
. Walker	do do	20 00	
es Gardner	6 do 31st December, 1883	15 00	
aniel McKiel	6 do 30th June, 1884	20 00	
t. Stevens	2 do do	5 00	
Wm. Hall.....	Balance of salary of late F. W. Hall.....	13 33	
			878 33
	County of Hants.		
. Burnham.....	For 12 months salary, to 30th June, 1884.....	160 00	
. O'Brien	do do	100 00	
Mosher	do do	50 00	
es Mosher	do do	30 00	
. O'Brien	do do	30 00	
. Colter	do do	30 00	
			340 00
	County of Inverness.		
. McLean.....	For 12 months salary, to 30th June, 1884.....	150 00	
id Ross	do do	100 00	
es Coady	do do	100 00	
r McEachern	do do	100 00	
McKay	do do	25 00	
h Cameron	do do	25 00	
c Crowdis	do do	25 00	
ald McDonald.....	do do	25 00	
	Carried forward	550 00	4,882 51

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts	\$ cts
	Brought forward	550 00	4,882 50
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, ETC.— <i>Continued.</i>		
	County of Inverness— <i>Concluded.</i>		
Miles McDaniel	For 12 months salary, to 30th June, 1884	25 00	
Peter Benire	do do	25 00	
M. B. McDonald	do do	25 00	
Moses Murphy	do do	25 00	
Daniel McDermid	do do	25 00	
Williams Hart, jun.	do do	25 00	
Allan McLellan	do do	25 00	
Angus McFarlane	do do	25 00	
J. P. McFarlane	do do	25 00	
Stephen Graham	do do	25 00	
John McLean	do do	25 00	
Angus McKinnon	do do	25 00	
Malcolm McKay	do do	20 00	
			870 00
	County of Kings.		
R. F. Reid	For 12 months salary, to 30th June, 1884	125 00	
W. McIntyre	do do	50 00	
C. E. Bishop	do do	30 00	
Joseph Angus	do do	30 00	
J. E. Starr	8 do 29th February, 1884	166 67	
Jas S. Miller	5 do 30th June, 1884	52 07	
Philip Brown	5 do do	12 50	
J. W. Thorp	5 do do	12 50	
			478 74
	County of Lunenburg.		
George Redden	For 12 months salary, to 30th June, 1884	100 00	
Henry S. Jost	do do	100 00	
C. E. Goddard	do do	50 00	
John Hutt	do do	25 00	
James Langille	do do	25 00	
Charles Pernette	do do	25 00	
James Mossman	do do	25 00	
John Andrews	do do	25 00	
G. A. Nesbit	do do	25 00	
Ed. Boylan	do do	25 00	
William Croft	do do	25 00	
David Demon	do do	25 00	
Eli Hebb	do do	25 00	
J. H. Keddy	do do	25 00	
Isaiah Besancon	do do	25 00	
Benj. Rothenheiser	6 months salary, to 31st December, 1883	12 00	
Edward Hayes	do do	12 00	
			575 00
	County of Pictou.		
D. G. McDonald	For 12 months salary, to 30th June, 1884	170 00	
A. C. Pritchard	do do	150 00	
Donald McLean	do do	30 00	
	Carried forward	350 00	6,806 25

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 350 00	\$ cts. 6,806 25
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, ETC.— <i>Continued.</i>		
	County of Pictou— <i>Concluded.</i>		
Geo. McKenzie.....	For 12 months salary, to 30th June, 1884.....	25 00	
Donald Frazer.....	do do	25 00	
Wm. Turner	do do	25 00	
Geo. Foote.....	do do	25 00	
Wm. McDonald.....	do do	25 00	
Wm. Fraser.....	do do	25 00	
Donald McDonald.....	do do	25 00	
John McKay	do do	25 00	
Peter Campbell.....	do do	25 00	
Alex. Douglas.....	do do	25 00	
Samuel Frazer.....	do do	25 00	
J. A. Murray.....	do do	25 00	
Wm. Cameron	do do	25 00	
William Cameron.....	do do	25 00	
Wm. McKenzie.....	do do	20 00	
Wm. R. Sutherland.....	Salary of late R. Sutherland, to 31st Dec., 1884.....	70 00	
James Hunter.....	Wages as special Fishery Guardian, employed on River Philip during spawning season...	61 50	
Robert Thompson.....	do do	28 50	
John Harrington.....	do do	15 00	
J. Dartney.....	do do	30 00	
Wm. Lowther.....	do do	48 00	
N. Smith.....	Wages as special Fishery Guardian, employed on Middle River during spawning season...	62 50	
R. Cummings.....	do do	66 25	1,101 75
	County of Queen's.		
T. N. Sellon	For 12 months salary, to 30th June, 1884.....	225 00	
John Fitzgerald.....	do do	70 00	
Geo. Ford.....	do do	60 00	
Thomas Miles.....	do do	30 00	
			385 00
	County of Richmond.		
William Cameron.....	For 12 months salary, to 30th June, 1884.....	125 00	
Francis Marneau.....	do do	125 00	
W. Grouchy.....	do do	30 00	
Graham Sampson.....	do do	30 00	
Justinien Sampson.....	do do	30 00	
John Murchison.....	do do	30 00	
John McRae.....	do do	30 00	
Quarhar McPherson.....	do do	30 00	
Patrick Kyte.....	do do	25 00	
Ed. Gerroir.....	do do	25 00	
John Kehoe.....	do do	25 00	
Charles Grant.....	do do	25 00	
Proctor, sen.....	do do	20 00	
			550 00
	Carried forward		8,843 00

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....		8,843 00
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, &c.— <i>Continued.</i>		
	County of Shelburne.		
W. J. McGill.....	For 12 months salary, to 30th June, 1884.....	125 00	
O. A. Holden.....	do do	50 00	
Geo. Ryer	do do	50 00	
Timothy Acker.....	do do	30 00	
M. Greenwood	do do	20 00	
P. Crowell.....	do do	20 00	
Henry Ackerman.....	do do	20 00	
N. G. Nichol.....	do do	20 00	
Edwin S. Goudy.....	5 do do	31 25	
			366 25
	County of Victoria.		
Donald McRae, jun.....	For 12 months salary, to 30th June, 1884.....	120 00	
Angus McDonald.....	do do	30 00	
Roderick Beaton.....	do do	30 00	
William Foyle.....	do do	30 00	
Donald Bochaman.....	do do	30 00	
Malcolm Melver.....	do do	30 00	
Joseph Hellen.....	do do	30 00	
Kenneth McRae.....	do do	30 00	
John McLellan.....	do do	25 00	
Donald McQuarrie.....	do do	25 00	
Donald McMillan.....	do do	25 00	
Donald McAuley.....	do do	25 00	
Donald McRae.....	do do	25 00	
Francis McGregor.....	do do	25 00	
John McRae.....	do do	25 00	
John McCharles.....	6 do to 31st Dec., 1883.....	15 00	
Joseph Quinn.....	6 do do	15 00	
George Burton.....	6 do do	15 00	
John McDonald.....	6 do do	12 50	
Malcolm McIntosh.....	8 do to 30th June, 1884.....	80 00	
Murdock McRae.....	8 do do	20 00	
Donald Finlayson.....	6 do do	6 25	
Chris. McKenzie.....	6 do do	6 25	
Archd. McDonald.....	6 do do	6 25	
Thos. Capstick.....	6 do do	6 25	
Thos. Donovan.....	6 do do	6 25	
And. Watson.....	For 3 months salary, to 30th June, 1884.....	6 25	
Donald McRae.....	do do	6 25	
John McPherson.....	do do	6 25	
John McDonald.....	Salary as Fishery Warden, 1st Jan. to 31st Mar., '84.....	6 25	
J. McCharles.....	do do	7 50	
Jos. Quinn.....	do do	7 50	
Geo. Burton.....	do do	7 50	
			741 25
	County of Yarmouth.		
Enos Gardner.....	For 12 months salary, to 30th June, 1884.....	150 00	
J. A. Hatfield.....	do do	50 00	
Jerome Doucette.....	do do	30 00	
	Carried forward.....	230 00	9,950 50

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.	\$ cts. 230 00	\$ cts. 9,950 50
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, &c.— <i>Concluded.</i>		
	County of Yarmouth— <i>Concluded.</i>		
m. Kavanagh.....	For 12 months salary, to 30th June, 1884.....	25 00	
astace Nickerson.....	do do	25 00	
Edward Perry.....	do do	25 00	
tal Muise.....	do do	25 00	
M. White.....	do do	25 00	
m. Thurston, sen.....	do do	25 00	
I. Brand.....	do do	25 00	
so. H. Robertson.....	5 do do	41 67	
mes Jeffery.....	3 do do	6 25	
E. Cann.....	3 do do	6 25	
			459 17
	DISEBURSEMENTS OF FISHERY OVERSEERS.		
os Gardner.....	For 12 months disbursements, to 31st Dec., 1883.....	231 50	
m. Hanley.....	do do	185 65	
o. Redden.....	do do	177 50	
ac Gaetz.....	do do	136 50	
C. Pritchard.....	do do	128 99	
T. N. Sellon.....	do do	126 65	
J. McGill.....	do do	110 28	
T. Carty.....	do do	94 90	
hn McDonald.....	do do	94 50	
Fitzgerald.....	do do	88 94	
F. McLean.....	do do	83 72	
nes Tory.....	do do	81 34	
hn Fitzgerald.....	do do	80 45	
lan McQuarrie.....	do do	78 95	
vid Ross.....	do do	70 00	
ancis Quinan.....	do do	67 75	
nes Coady.....	do do	65 46	
E. Godard.....	do do	63 89	
McDonald.....	do do	56 50	
McRae, jun.....	do do	50 65	
G. McDonald.....	do do	50 50	
E. Starr.....	do do	48 10	
S. Burnham.....	do do	45 00	
B. O'Brien.....	do do	41 75	
F. Reid.....	do do	41 00	
A. Barrington.....	do do	38 00	
S. Jost.....	do do	28 00	
Marmean.....	do do	35 00	
ory S. Blair.....	do do	31 65	
W. Davison.....	do do	29 50	
Cameron.....	do do	25 00	
W. Gilroy.....	do do	20 00	
J. Pollock.....	do do	18 75	
ah Fowler.....	do do	12 75	
3. Colter.....	do do	6 46	
H. Rogers.....	12 months salary as Inspector of Fisheries, to 30th June, 1884.....	1,372 00	2,555 58
ceiver-General.....	do superannuation tax.....	28 00	
			1,400 00
	Carried forward.		14,365 25

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ ct
	Brought forward		14,365 21
	NOVA SCOTIA—Concluded.		
	DISBURSEMENTS, &c.—Concluded.		
W. H. Rogers	For 12 months disbursement as Inspector of Fisheries, to 30th June, 1884		1,220 21
Jno. McGillivray	Legal expenses		20 00
"Herald" Printing Co..	Printing		7 00
	Refund		15,612 51
	Total		12 50
	Total		15,600 01
	NEW BRUNSWICK.		
	SALARIES OF FISHERY OVERSEERS AND WARDENS.		
	County of Albert.		
Sutherland Stewart	For 12 months salary, to 30th June, 1884	100 00	
Wallace Taylor	do do	40 00	
J. E. Kinne	do do	40 00	
Bartlett Oliver	do do	40 00	
C. McLatchey	do do	40 00	
			260 00
	County of Carleton.		
Geo. R. Burt	For 18 months salary, to 30th June, 1884	150 00	
J. W. Scott	do do	45 00	
A. G. Lindsay	12 do do	150 00	
W. B. Mills	6 do do 1883	75 00	
			420 00
	County of Charlotte.		
W. B. McLaughlin	For 12 months salary, to 30th June, 1884	240 00	
Frank Todd	do do	120 00	
Leonard Best	do do	100 00	
B. L. Cunningham	do do	70 00	
J. M. Lord	do do	70 00	
Samuel Dick	do do	30 00	
Robt. Dixon	do do	30 00	
Andrew Gilmour	do do	30 00	
Edward Carroll	do do	30 00	
Thos. Holmes	do do	30 00	
Barth. Brown	10 do do	83 34	
James Brown	2 do 31st August, 1883	16 66	
			850 00
	County of Gloucester.		
James Hickson	For 12 months salary, to 30th June, 1884	350 00	
Juste Haché	do do	100 00	
Fred. Comeau	do do	100 00	
Adolphe Haché	do do	100 00	
Joseph Poirier	do do	100 00	
	Carried forward	750 00	1,530 00

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	750 00	1,530 00
	NEW BRUNSWICK—Continued.		
	SALARIES, ETC.—Continued.		
	<i>County of Gloucester—Concluded.</i>		
Joseph Sewell.....	For 12 months salary, to 30th June, 1884.....	50 00	
Wm. Dempsey.....	do do	30 00	
Timothy Coughlan.....	do do	30 00	
Jeremiah Muzzeroll.....	do do	30 00	
James Walsh.....	do do	30 00	
Alex. Boyd.....	do do	30 00	
Wm. Rogers.....	do do	25 00	
John Calnan, jun.....	do do	25 00	
Augustin Cormier.....	9 do to 31st March, 1884.....	37 50	
Eustave Cormier.....	3 do to 30th June, 1884.....	12 50	
			1,050 00
	<i>County of Kent.</i>		
Thos. Cormier.....	For 12 months salary, to 30th June, 1884.....	100 00	
W. B. Légère.....	do do	80 00	
James Harnett.....	do do	80 00	
Charles Guimon.....	do do	80 00	
L. Collet.....	do do	80 00	
A. Girouard.....	do do	75 00	
Wm. F. Hannah.....	do do	75 00	
Nicholas Muzzeroll.....	do do	50 00	
			620 00
	<i>County of Kings.</i>		
Samuel Gosline.....	For 12 months salary, to 30th June, 1884.....	100 00	
James A. Belyea.....	do do	50 00	
F. Ryan.....	do do	30 00	
Wm. Gamblain.....	do do	30 00	
John Keith.....	do do	30 00	
W. Hatfield.....	4 do to 31st October, 1883.....	16 66	
S. Spragg.....	8 do to 30th June, 1884.....	33 34	
			290 00
	<i>County of Northumberland.</i>		
John Hogan.....	For 12 months salary, to 30th June, 1884.....	400 00	
Wm. Wyse.....	do do	200 00	
Samuel Holt.....	do do	160 00	
James Russell.....	do do	150 00	
Student Robichaux.....	do do	100 00	
Wm. Cameron.....	do do	100 00	
John G. Williston.....	do do	100 00	
Samuel Freeze.....	do do	100 00	
John Blake.....	do do	70 00	
John A. Bamford.....	do do	50 00	
John Blackmore.....	do do	50 00	
Samuel Kingston.....	do do	50 00	
John Hubbard.....	do do	50 00	
John Shaddick, jun.....	do do	50 00	
John Hovey.....	do do	30 00	
John Bryenton.....	do do	30 00	
	Carried forward.....	1,690 00	3,490 00

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.		Amount.	Total.
			\$ cts.	\$ cts.
		Brought forward.....	1,690 00	3,490 00
		NEW BRUNSWICK— <i>Continued.</i>		
		SALARIES, &c.— <i>Continued.</i>		
		County of Northumberland— <i>Concluded.</i>		
Patrick Bergin.....	For 12 months salary, to 30th June, 1884		30 00	
Thos. Smith.....	do do		30 00	
Patrick Gillis.....	do do		30 00	
Denis Hogan.....	do do		30 00	
Michael Donovan.....	do do		30 00	
Findlay McDairmaid.....	do do		30 00	
Nathaniel Morehouse.....	do do		30 00	
John Doyle.....	do do		30 00	
Daniel Matthews.....	do do		30 00	
Angus McIntosh.....	do do		30 00	
Tubal Watling.....	do do		30 00	
James Fitzpatrick.....	do do		30 00	
Jas. W. Underhill.....	do do		30 00	
Michael Ryan.....	do do		30 00	
Maurice Hayes.....	do do		30 00	
John Noble.....	14 do		141 65	
John Stymast.....	12 do	and arrears of increase.....	112 50	
Thos. Parker.....	10 do	to 30th June, 1884.....	133 34	
Christopher Parker.....	2 do	to 31st August, 1883.....	26 66	
Wm. Dalton.....	5 do	as Special Warden.....	150 00	
				2,704 15
		County of Queens.		
I. T. Hetherington.....	For 12 months salary, to 30th June, 1884.....		100 00	
Isaiah Langan.....	do do		30 00	
Robt. Phillips.....	do do		25 00	
John Secord.....	6 do	to 31st December, 1883.....	15 00	
				170 00
		County of Restigouche.		
Alex. McPherson.....	For 12 months salary, to 30th June, 1884.....		100 00	
				100 00
		County of Sunbury.		
G. W. Hoben.....	For 12 months salary, to 30th June, 1884.....		100 00	
W. E. Taylor.....	do do		30 00	
				130 00
		County of St. John.		
Joseph O'Brien.....	For 12 months salary, to 30th June, 1884.....		150 00	
Wm. E. Skillen.....	do do		100 00	
				250 00
		County of Victoria.		
Thomas D. Ryan.....	For 12 months salary, to 30th June, 1884.....		125 00	
Chas. Roberts.....	do do		30 00	
John McDougall.....	do do		30 00	
J. C. McCluskey.....	do do		30 00	
		Carried forward.....	215 00	6,844 15

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	215 00	6,814 15
	NEW BRUNSWICK—Continued.		
	SALARIES, ETC.—Continued.		
	<i>County of Victoria—Concluded.</i>		
Donald Frazer.....	For 12 months salary to 30th June, 1884.....	30 00	
Thomas Edgar.....	do do	30 00	
J. McN. Cameron.....	do do	30 00	
Magloire Caron.....	do do	30 00	
Thomas D. Ryan.....	Salary to 30th June, 1883.....	33 33	
			368 33
	<i>County of Westmoreland.</i>		
W. B. Deacon.....	For 12 months salary, to 30th June, 1884.....	100 00	
Robert Goodwin.....	do do	100 00	
D. T. Cormier.....	do do	60 00	
			260 00
	<i>County of York.</i>		
Robert Orr.....	For 12 months salary, to 30th June, 1884.....	150 00	
J. Campbell.....	do do	60 00	
Wm. Brown.....	do do	60 00	
And. Cunningham.....	do do	50 00	
Alex. Moir.....	do do	30 00	
			350 00
	DISBURSEMENTS OF FISHERY OVERSEERS.		
W. B. Deacon.....	For 12 months disbursements, to 31st Dec., '83.....	208 00	
Frank Todd.....	do do	158 50	
James Hickson.....	do do	153 00	
J. G. Williston.....	do do	129 75	
Jos. O'Brien.....	do do	129 50	
John Stymast.....	do do	126 00	
Wm. Wyse.....	do do	125 95	
Samuel Gosline.....	do do	124 96	
Adolphe Aché.....	do do	122 52	
Jeremie Mauzerolle.....	do do	119 75	
T. D. Ryan.....	do do	116 90	
Jas. A. Belyea.....	do do	106 50	
G. W. Hoben.....	do do	101 04	
W. B. McLaughlin.....	do do	100 00	
B. L. Cunningham.....	do do	97 50	
Chas. Cormier.....	do do	97 00	
Robert Orr.....	do do	92 25	
I. T. Hetherington.....	do do	90 32	
M. A. Girouard.....	do do	89 42	
Jas M. Lord.....	do do	84 25	
Samuel Holt.....	do do	82 50	
Alex. McPherson.....	do do	74 00	
Dennis T. Cormier.....	do do	73 50	
John Hogan.....	do do	71 65	
Prudent Robichaux.....	do do	70 75	
Robt. Goodwin.....	do do	64 06	
Robt. Phillips.....	do do	57 55	
James Harnett.....	do do	55 00	
	Carried forward	2,922 72	7,822 48

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	2,922 72	7,822 48
	NEW BRUNSWICK— <i>Continued.</i>		
	DISBURSEMENTS, &c.— <i>Concluded.</i>		
Jas. Russell.....	For 12 months disbursements, to 31st Dec., '83.....	53 10	
W. E. Skillen.....	do do.....	51 00	
S. Stewart.....	do do.....	41 80	
John Blake.....	do do.....	41 50	
G. R. Burt.....	do do.....	37 00	
Samuel Freeze.....	do do.....	32 34	
W. F. Hannah.....	do do.....	32 30	
Miles Dempsey.....	do do.....	29 00	
Leonard Best.....	do do.....	28 50	
Lazare Guimon.....	do do.....	25 80	
Kenneth Cameron.....	do do.....	22 35	
Joseph Sewell.....	do do.....	20 55	
E. A. Bamford.....	do do.....	18 25	
John Noble.....	do do.....	18 20	
Findlay McDiarmid.....	do do.....	17 50	
B. Brown.....	do do.....	14 56	
Alex. G. Lindsay.....	do do.....	12 00	
Juste Haché.....	do do.....	11 60	
James Brown.....	do do.....	10 25	
Joseph Poirier.....	do do.....	8 00	
Jas. Fitzpatrick.....	do do.....	7 50	
Angus McIntosh.....	do do.....	5 50	
			3,461 32
W. H. Venning.....	For 12 months salary as Inspector of Fisheries, to 30th June, 1884.....	1,371 96	
C. R. Venning.....	Salary as Clerk to 30th June, 1884.....	395 04	
Receiver-General.....	Superannuation tax on W. H. Venning's salary, \$28, and C. R. Venning's, \$5.....	33 00	
W. H. Venning.....	12 months disbursement, travelling expenses, &c., as Inspector of Fisheries, to 30th June, 1884.....	661 44	
T. D. Ryan.....	To pay wages, special guardians, Tobique River.....	100 00	
J. & R. Young.....	Damage to lobster traps.....	145 00	
John Cameron.....	Balance wages as Special Guardian.....	75 00	
"Sun" Publishing Co.....	Advertising.....	51 50	
John McColm.....	Compensation for loss of nets.....	50 00	
James Barry.....	Wages as special guardian.....	43 00	
"The Daily News".....	Advertising.....	40 25	
T. B. Hannington.....	Postage stamps.....	34 00	
L. R. Harrison.....	Legal expenses.....	29 50	
Barnes & Co.....	Stationery.....	18 80	
John Secord.....	Wages as fishery guardian.....	15 00	
A. C. Smith.....	Water rates.....	9 93	
A. Christie & Co.....	Repairs to office.....	8 00	
J. R. Stone.....	Express charges.....	5 30	
Jane Millar.....	Washing.....	5 00	
S. J. King.....	Rent of Post Office box.....	4 00	
Ellen Hughes.....	Cleaning office.....	3 50	
Manchester, Robertson & Allison.....	Towels.....	2 50	
D. McAlpine.....	Directory.....	2 50	
			3,104 22
	Total.....		14,388 02

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
PRINCE EDWARD ISLAND.			
SALARIES OF FISHERY WARDENS.			
<i>County of Queens.</i>			
Michael Ready.....	For 12 months salary, to 30th June, 1884.....	30 00	
ionel Garnum.....	do do.....	30 00	
ames Power.....	do do.....	30 00	
onathan Delaney.....	do do.....	30 00	
Mathieson.....	do do.....	30 00	
McKenzie.....	do do.....	30 00	
rancis Stanley.....	do do.....	30 00	
m. Whitehead.....	do do.....	30 00	
omas Murphy.....	do do.....	30 00	
Traynor.....	do do.....	30 00	
eo. Stevenson.....	do do.....	30 00	
Van Iderstine.....	do do.....	30 00	
eo. F. Beers.....	do do.....	30 00	
ames Howatt.....	do do.....	30 00	
Loughrin.....	6 do 31st December, 1883.....	15 00	
ominique Guotte.....	2 do 30th June, 1884.....	5 00	
			440 00
<i>County of Prince.</i>			
James Ramsay.....	For 12 months salary, to 30th June, 1884.....	30 00	
Patrick McBride.....	do do.....	30 00	
William Burns.....	do do.....	30 00	
John Beaton.....	do do.....	30 00	
Thomas Drummond.....	do do.....	30 00	
A. Sharpe.....	do do.....	30 00	
John Chaisson, chapel.....	do do.....	30 00	
ster Aylward.....	do do.....	30 00	
lex. McDonald.....	do do.....	30 00	
L. Bryant.....	do do.....	30 00	
alvin Howat.....	do do.....	30 00	
John Tucker.....	do do.....	30 00	
N. Nelligan.....	do do.....	30 00	
S. Gillis.....	do do.....	30 00	
John Rix.....	do do.....	30 00	
John A. Sharpe.....	do do.....	30 00	
mes. A. McDonald.....	do do.....	30 00	
Lawrence Doyle.....	1 do.....	2 50	
Keer Ramsay.....	1 do.....	2 50	
A. Arsenault.....	1 do.....	2 50	
F. B. Holland.....	1 do.....	2 50	
			520 00
<i>County of Kings.</i>			
John McDonald.....	For 12 months salary, to 30th June, 1884.....	30 00	
Colm Mathewson.....	do do.....	30 00	
aniel Reilly.....	do do.....	30 00	
John Lowe.....	do do.....	30 00	
ster Duffy.....	do do.....	30 00	
John O'Brien.....	do do.....	30 00	
Patrick McCullough.....	do do.....	30 00	
H. Dingwell.....	do do.....	30 00	
mes Burke.....	do do.....	30 00	
mes Mitchell.....	do do.....	30 00	
Carried forward.....		300 00	960 00

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	300 00	960 00
	PRINCE EDWARD ISLAND— <i>Concluded.</i>		
	SALARIES ETC.— <i>Concluded.</i>		
	County of Kings— <i>Concluded.</i>		
Robt. Quinn.....	For 12 months salary, to 30th June, 1884.....	30 00	
John Conaghan.....	do do	30 00	
John McDonald.....	6 do 31st Dec., 1883.....	15 00	
Henry Morrow.....	10 do 30th June, 1884.....	25 00	
Ronald McDonald.....	2 do do	5 00	
			405 00
J. H. Duvar.....	For 12 months salary as Inspector of Fisheries.....	783 96	
Henry Clark.....	do Fishery Overseer.....	197 50	
Receiver General.....	Superannuation tax.....	18 50	
J. H. Duvar.....	For 12 months disbursements.....	336 54	
Allan McDonald.....	Extra services as Warden.....	44 00	
M. Ready.....	do do	15 00	
J. H. Dingwall.....	do do	5 00	
John McMillan.....	Chart of oyster beds	15 00	
W. Campbell.....	Special Guardian, Cousin's pond.....	15 00	
F. Stanley.....	Horse hire.....	6 00	
Telegraph Co.....	Telegrams.....	2 04	
Queen's Printer.....	.....		1,438 54
			14 4
	Refund.....		2,817 94
			50 00
	Total.....		\$2,767 94
	BRITISH COLUMBIA.		
A. C. Anderson.....	For 12 months salary as Inspector of Fisheries, to 30th June, 1884	649 00	
Geo. Pittendreich	12 mos. salary as Overseer, to 30th June, 1884	499 92	
C. F. Green	Services as Fishery Guardian, Frazer River	210 00	
C. Murphy	do do do	210 00	
C. W. D. Clifford	do do Naas & Skeena		
	Rivers	100 00	
A. C. Anderson.....	Disbursements as Inspector	434 00	
Geo. Pittendreich	do as Fishery Overseer.....	16 00	
T. N. Hibben & Co.....	Stationery	25 75	
J. Smith.....	Services as Messenger.....	15 00	
Queen's Printer.....	Printing	23 30	
			2,231 90
	MANITOBA.		
James Anderson.....	For Salary as Fishery Officer, from October, 1879, to February, 1882	450 00	
H. Martineau	Salary and disbursements as Fishery Officer....	251 50	
Chas. V. Alloway	do do do	170 90	
			872 40
	LEGAL AND INCIDENTAL EXPENSES.		
L. R. Harrison.....	Professional services in suit, Spurr vs. Venning	105 00	
do	do do Phair vs. Venning.....	112 90	
do	do do Steadman & Hanson vs. Venning	30 00	
	Carried forward.....	247 90	

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward	247 90	
	LEGAL AND INCIDENTAL EXPENSES—<i>Con.</i>		
J. Hodgson	Professional services in suit, Assault on Warden Garnum	334 50	
red'k Peters	do do Crossman <i>vs.</i> Ramsay.	123 25	
C. Barbarie	do do McPhee <i>vs.</i> Mowat.	50 00	
A. Dixon	do do for violation of Fish- eries Act at Belleville	28 00	
A. Verge	To pay costs of proceedings against J. P. Mowat, for violation of Fishery Laws	86 75	
lucide Latour	Services as Constable	60 00	
E. Farewell	Costs in appeal of Benson, Shell & Dillon	38 32	
H. McMillan	Costs in suit, Delaney <i>vs.</i> McDonald	35 00	
			1,003 72
	ADVERTISING.		
ictoria "Standard" ..	For Advertising British Columbia Fisheries	7 00	
The Colonist"	do do do	7 40	
The Mainland Guar- dian"	do do do	7 40	
Inland Sentinel"	do do do	4 44	
Robson & Co.	do do do	5 92	
ale Bros.	do Setting apart Lake Simcoe in "Orillia Packet"	10 50	
Garrett	do Fisheries	10 50	
Sun" Publishing Co..	do Sturgeon Fishery	10 50	
			63 66
	FISH HATCHERY, BRITISH COLUMBIA.		
omas Mowat	Salary as officer in charge, from 26th Sept., 1883, to 30th June, 1884	999 00	
do	Disbursements in connection with hatchery, etc...	1,182 55	
ay-list	Wages of men for labour	994 21	
C. Anderson	Expenses selecting site for building	100 00	
nglish & Co.	Hire of steamer	30 00	
rapp Bros.	Hardware	69 18	
as Cunningham	do	43 88	
Haigh & Son	Lumber, etc	33 00	
do	House rent	20 00	
do	Fishing skiffs	60 00	
ominion Sawmill Co..	Lumber	60 00	
R. Lewis	Logging chains, etc.	9 62	
rake Jackson & Co..	On account of contract	25 00	
R. Pearson & Co..	Stationery	9 12	
Mainland Guardian"	Printing, etc.	8 50	
The British Columbia"	Advertising	3 75	
mes Wise	Coal oil, etc.	4 50	
H. Pittendreich	Teaming	52 00	
			3,704 31
	FISH-BREEDING.		
umuel Wilmot	12 months salary as Superintendent of Fish Cul- ture, to 30th June, 1884	1,959 96	
ceiver-General	do superannuation tax	40 00	
			1,999 96
	Carried forward		1,999 96

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....		1,999 96
FISH BREEDING— <i>Continued.</i>			
NEWCASTLE ESTABLISHMENT, ONTARIO			
Charles Wilmot.....	Salary as officer in charge, to 30th June, 1884.....	750 00	
do	Allowance as clerk to Superintendent	249 96	
John Walker.....	Salary as caretaker, to 30th June, 1884.....	540 00	
John Kennefick.....	Labour.....	490 25	
Chas. Wilmot.....	Disbursements including travelling expenses collecting ova and distributing fry.....	1,087 91	
J. Kennefick.....	do do do	147 65	
Alf. Kent.....	Collecting fish eggs.....	119 50	
D. Troy.....	do	7 75	
H. McGinnis.....	do	15 00	
Joe. Marks.....	do	18 75	
E. Wilson.....	do	12 50	
J. Meney.....	do	7 50	
L. Rumley.....	do	26 88	
S. Doran.....	Collecting fish eggs.....	10 00	
E. Symes.....	do	15 00	
A. Kennedy.....	Tug hire do	15 00	
A. W. Davis.....	Expenses do	9 50	
A. Gunn & Co.....	Storage of boxes fish eggs.....	0 25	
John Walker.....	Paid girls picking eggs.....	137 25	
William Kennefick.....	Labour.....	60 00	
P. Kennefick.....	do	29 75	
J. Keaneffick.....	do	25 63	
John Hill, sen.....	do	24 00	
John Haycroft.....	do	23 00	
Pat. Garvin.....	do	21 00	
Neil Taylor.....	do	19 50	
James McDonogh.....	do	12 00	
B. Allen.....	do	5 62	
Ezra Rex.....	do	5 00	
Daniel Ogden.....	do	5 00	
George Rex.....	do	4 37	
John Hill.....	do	3 75	
P. Kennefick, jun.....	do	1 88	
C. Wilmot.....	Paid for repairing dam.....	73 51	
S. Wilmot.....	do teaming.....	44 50	
John Otten.....	Teaming.....	25 50	
D. Ogden.....	do	1 50	
J. Masson.....	do	1 25	
Simmons & Pool.....	Carpenter's work.....	234 85	
Lewis Quick.....	Fish cans	109 05	
Wm. Richard.....	Coal	93 86	
J. R. Barefeldt.....	Hardware	32 39	
R. Fothergill.....	do	23 53	
Thomas Douglas.....	Horse hire	15 00	
do	Express charges.....	20 80	
Trout & Jay.....	do	13 15	
R. Fothergill.....	Telegraph account.....	18 33	
F. Farncomb.....	Customs duties on varnish	10 55	
Gutta Percha Mfg Co.....	Rubber hose	31 13	
F. Stillwell.....	Blacksmith's work.....	13 88	
J. Cleland.....	Tin pans	7 45	
James Wright.....	Tinware	5 46	
Thomas Miller.....	Cotton	5 41	
J. H. Rolfe.....	Painting and glazing.....	1 80	
	Carried forward	4,634 05	1,999 96

STATEMENT of Expenditure on Account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	4,684 05	1,999 96
	FISH BREEDING— <i>Continued.</i>		
	NEWCASTLE ESTABLISHMENT, ONTARIO— <i>Concluded.</i>		
Postages.....		1 00	
Samuel Wilmot.....	Rent of land.....	200 00	
T. M. Clarke.....	do water privilege.....	100 00	
			4,985 05
	SANDWICH HATCHERY, ONTARIO.		
Wm. Parker.....	12 months salary as officer in charge to 30th June, 1884.....	750 00	
Wm. Hill.....	Wages as assistant.....	346 25	
Alex. McComb.....	do engineer.....	253 00	
J. Lemonde.....	do do.....	59 00	
Wm. Parker.....	Disbursements, collecting ova and distributing fry.....	267 35	
As. McKee.....	Supplying white fish ova, 1881, 1882 and 1883.....	350 00	
do.....	Board of men, collecting ova.....	16 00	
D. Meloche.....	do do.....	6 00	
C. Bell.....	Horse hire.....	18 00	
Os. Paré.....	Distributing fry.....	18 00	
Wm. Hill.....	do.....	13 60	
And. Hackett.....	do.....	12 00	
Os. Lazarus.....	do.....	7 50	
Nette & Wherry.....	Use of tug distributing fry.....	15 00	
Os. Paré.....	Cordwood.....	289 50	
Winterburn.....	Sawing cordwood.....	17 50	
O'Brien.....	do.....	16 27	
Nette & Wherry.....	Coal.....	46 75	
Ell Ice Co.....	do.....	19 60	
G. Nutson.....	Lumber and repairs.....	151 40	
Lequenot & Co.....	Paints, oils, &c.....	94 08	
Purser & Son.....	Hardware.....	82 05	
Lemonde.....	Carpenters' work.....	25 50	
Banetina.....	Laying pipes.....	6 00	
Err Bros.....	Repairing engine.....	3 50	
Os. Hall.....	do pump.....	6 40	
Wm. Adams.....	Painting.....	14 00	
James McKee.....	Rent of grounds.....	20 00	
W. Tringham.....	Rent of telephone.....	67 87	
James Cowan.....	Valuing land.....	22 00	
P. Clark.....	Board of men.....	5 00	
As. McKee.....	Horse hire.....	7 00	
			3,026 12
	TADOUSSAC ESTABLISHMENT, QUEBEC.		
Os. Radford.....	12 months salary as officer in charge, to 30th June, 1884.....	600 00	
Terre Plourde.....	11 months wages as caretaker, to 30th June, 1884.....	308 00	
Os. Radford.....	Pay list, labor at hatchery.....	325 29	
Wm. Manning.....	Labor at hatchery.....	132 72	
Amase Simard.....	do.....	27 48	
D. Pednault.....	do.....	16 87	
Jourdain.....	do.....	15 00	
McLaren.....	do.....	13 50	
Idore Tremblay.....	do.....	4 80	
Boulliane.....	do.....	2 61	
Maher.....	do.....	2 00	
	Carried forward.....	1,448 27	10,111 13

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	1,449 27	10,011 13
	FISH BREEDING— <i>Continued.</i>		
	TADOUSAC ESTABLISHMENT, QUEBEC— <i>Concluded.</i>		
C Tremblay.....	Labor at hatchery.....	1 40	
X. Mallard.....	do.....	1 20	
M. Fortier.....	do.....	1 00	
F. Boulliane.....	Night watchman.....	58 10	
E. Potvin.....	Wages as guardian.....	40 00	
N. Simard.....	do.....	22 00	
A. Simard.....	do.....	20 00	
D. McLaren.....	do.....	54 00	
P. Pednault.....	do.....	22 00	
Wm. Manning.....	Boat hire.....	29 53	
A. Goudreau.....	do.....	17 50	
Geo. Manning.....	do.....	8 40	
A. Moreau.....	Distributing fry.....	8 00	
J. Caron.....	do.....	4 00	
H. Tremblay.....	do.....	4 00	
D. Simard.....	do.....	2 40	
M. Boivin.....	do.....	2 00	
Joseph Boily.....	do.....	2 00	
W. Dufour.....	do.....	1 00	
P. Harveux.....	do.....	0 60	
Jos. Radford.....	To pay board of men.....	12 15	
Roger Terrien.....	Repairing dam.....	16 70	
Walter Rae.....	Lumber.....	96 28	
do.....	Hardware.....	36 92	
H. S. Scott.....	do.....	12 85	
Frs. Bourgoing.....	do.....	4 40	
H. S. Scott.....	do.....	14 17	
N. Rouleau.....	Blacksmiths' work.....	11 10	
O. Boulliane.....	Pails, cotton, &c.....	2 60	
Postages.....	.....	2 00	
A. Moreau.....	Repairing nets.....	0 40	
Jules Tremblay.....	do.....	0 50	
Telegrams.....	.....	1 84	
F. T. Thomas.....	Lamp chimneys.....	4 20	
P. Plourde.....	Account for board.....	5 60	
do.....	Disbursements with fry.....	68 19	
W. J. Ray.....	Towing fry.....	38 00	
Jos. Boily.....	Disbursements.....	30 90	
L. Plourde.....	Repairing tent.....	0 50	
W. Hovington.....	Tending Point Rouge fishery.....	117 70	
Steamer "Saguenay".....	Freight.....	7 85	
			2,232 25
	RISTIGOUCHE ESTABLISHMENT, QUEBEC, AND NEW BRUNSWICK.		
Alex. Mowat.....	12 months salary as officer in charge to 30th June, 1884.....	600 00	
Wm. Robertson.....	do as assistant do.....	360 00	
Alex. Mowat.....	Disbursements, collecting ova and distributing fry.....	196 11	
Ed. Bolton.....	Catching and guarding fish.....	120 00	
W. Mowat.....	Catching parent salmon.....	30 00	
Ed. Mann.....	do.....	25 0	
H. Bell.....	do.....	24 00	
H. Miles.....	do.....	20 00	
	Carried forward.....	1,375 11	12,243 38

STATEMENT of Expenditure on Account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	1,375 11	12,243 38
	FISH BREEDING.— <i>Continued.</i>		
	RISTIGOUCHE ESTABLISHMENT, QUEBEC AND NEW BRUNSWICK.— <i>Continued.</i>		
James Parker.....	Catching parent salmon	21 00	
Mann.....	do	7 50	
Horan.....	do	7 50	
Parker.....	do	3 00	
Robt. Duff.....	do	2 00	
Alex. Mowatt.....	Labor removing hatchery.....	105 00	
James Parker.....	do	24 00	
Bell.....	do	18 00	
W. Moores.....	do	18 00	
Moores.....	do	17 50	
Murray.....	do	13 00	
Harris.....	do	11 00	
Pratt.....	do	11 00	
Harris.....	do	7 50	
Arseneault.....	do	6 25	
Frazer.....	do	1 00	
Nelson.....	Labor, horse hire and canoe hire.....	60 00	
James Mills.....	do	55 00	
Robertson.....	Horse hire.....	4 00	
Alex. McDonald.....	Canoe hire.....	6 00	
P. Mowat.....	Hire of scow.....	54 50	
do.....	Hardware.....	111 87	
Thomas Mowat.....	Labor.....	28 00	
E. Asker.....	do	9 00	
Parker & Anderson.....	do	2 00	
James Gillis.....	do	1 45	
James J. Mowat.....	Board of men.....	228 93	
James McMillan.....	Making gates for reservoir.....	9 00	
James Moore.....	Rafting timber.....	55 00	
Girard.....	Repairing salmon nets.....	14 00	
Weirs.....	Rafting.....	2 00	
Ferguson.....	Packing cotton, for eggs.....	2 00	
Thomas Mowat.....	Hauling wood.....	22 00	
James Mann.....	Sawing wood.....	10 00	
James Robertson.....	Repairing nets.....	15 00	
			2,338 11
	GASPÉ ESTABLISHMENT—QUEBEC.		
Philip Vibert.....	12 months salary as officer in charge, to 30th June, 1884.....	300 00	
Henry Davis.....	do		
	assistant officer in charge, to 30th June, 1884.....	300 00	
Philip Vibert.....	Disbursements, to 30th June, 1884.....	67 40	
S. Davis.....	Catching and watching parent salmon.....	188 50	
Henry Olsen.....	do	33 75	
James Cass.....	do	19 50	
C. C. Davis.....	Spawning fish.....	20 25	
B. Coffin.....	do	17 25	
A. Davis.....	do	2 00	
H. Davis.....	Distributing fry.....	63 00	
Peter Miller.....	do	31 50	
James B. Coffin.....	do	40 50	
John Sanson.....	do	29 00	
B. Coffin.....	do	28 60	
Laughlin Miller.....	do	28 60	
	Carried forward	1,167 85	14,581 49

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ ct
	Brought forward.....	1,167 85	14,581 48
	FISH-BREEDING— <i>Continued.</i>		
	GASPÉ ESTABLISHMENT, QUEBEC— <i>Concluded.</i>		
Alf. Stanley	Distributing fry	28 60	
Jos. Cass	do	27 70	
Adolphus Touzel.....	do	27 30	
John Vezina	do	27 30	
John Johnston.....	do	26 00	
F. J. Annett	do	25 85	
John McCallum.....	do	7 50	
J. S. Davis.....	Labour.....	65 00	
W. C. Davis.....	do	9 75	
Hugh Leslie.....	Ferriage.....	10 50	
Henry Olsen.....	Clearing pond.....	10 50	
Alf. Stanley.....	do	7 50	
Richard Miller.....	Canoeman.....	10 40	
Thos. Cabot	Wading boots.....	6 00	
Henry Davis.....	Board.....	3 50	
do	Cordwood.....	11 50	
F. J. Annett	Hauling coal.....	12 00	
S. Veit	Coal.....	30 00	
J. & E. Collas.....	Hardware, etc	17 56	
J. Leboutillier & Co.....	do	4 12	
Margaret Bain.....	Repairing nets	5 50	
Ab. Coffin	do	4 50	
J. Lavoie.....	Drawing deel.....	6 00	
Henry Davis.....	9 years' rent of land, from 1875 to 1884	180 00	
do	Purchase of land.....	200 00	
			1,932 48
	MAGOG ESTABLISHMENT, QUEBEC.		
A. H. Moore.....	12 months salary as officer in charge to 30th June, 1884.....	600 00	
do	Disbursements connected with collecting ova.....	145 41	
C. Wilmot.....	Disbursements collecting and conveying ova to Magog	150 00	
A. H. Moore.....	Paid for picking ova.....	38 45	
W. F. Whitcher.....	Expenses inspecting hatchery.....	52 46	
S. P. Bauset.....	do	23 00	
Textile and Print Co.....	Transfer of land	1,000 00	
			2,009 32
	BEDFORD BASIN ESTABLISHMENT, NOVA SCOTIA.		
A. B. Wilmot.....	12 months salary as officer in charge to 30th June, 1884.....	800 00	
F. G. Tolson	do assistant	252 00	
John Tolson.....	Assistance.....	17 50	
A. B. Wilmot.....	Disbursements collecting eggs, distributing fry, etc., etc.....	393 98	
F. G. Tolson	do do do	36 35	
Albert Tolson	Conveyance of fry.....	79 75	
O. K. Fillmore.....	Catching salmon.....	149 75	
Wm. Beck.....	do	93 00	
And. Muirhead	do	66 25	
H. Allen	Labour.....	63 75	
J. D. Eamos.....	do	40 00	
	Carried forward.....	1,992 33	18,523 24

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	1,992 33	18,523 24
	FISH BREEDING—Continued.		
	BEDFORD BASIN ESTABLISHMENT, NOVA SCOTIA—Con.		
D. Fillmore.....	Labor	21 75	
Robt. Reynard.....	do	7 25	
Robt. Son & Co.....	Hardware, oil, etc.....	51 65	
Heakston & Angevin ..	do	31 00	
J. Harris	Tinware	25 77	
W. Gilroy	Hardware	4 24	
Youns Hatfield.....	do	7 46	
Lincoln Williams.....	Zinc tubes	4 45	
Cunard & Co.....	Coal.....	72 00	
Robert Anderson.....	Freight on coal.....	12 00	
B. Wilmot.....	Paid for carting coal	6 00	
Thos. Rodley.....	Lumber.....	41 90	
A. Hatfield.....	do	19 96	
A. Wood & Co.....	do	4 90	
Bedford Furniture Co.....	do	4 00	
Tolson	Teaming	57 00	
McGillivray.....	do	8 00	
E. Worthylake.....	Chain pump	12 50	
E. Wilson.....	Pump	7 00	
M. Geldert.....	Horse hire.....	30 00	
Thos. Ward.....	do	18 50	
P. Mott.....	Lime.....	4 00	
Stairs & Son.....	Twine.....	6 47	
Reighton & Marshall...	Stationery.....	6 75	
Boutillier.....	Knitting nets.....	9 00	
Thos. Gaul.....	Oil clothes.....	15 00	
Thos. Dinsmore.....	Repairing canoes.....	2 25	
J. Hingley.....	Telegrams.....	2 06	
Eastern Union Tel. Co...	do	3 16	
Thos. W. Moore.....	Board of men.....	19 00	
L. Rood.....	do	18 00	
A. Wood.....	Rent of water privilege.....	8 00	
W. Wood.....	Rent of land	24 50	
Thompson.....	Trucking boxes	12 00	
Reighton & Marshall...	Stationery.....	3 25	
Thos. Tolson.....	Cutting and hauling ice..	25 00	
B. Wilmot.....	Shingles for ice house.....	12 00	
Allan.....	Cleaning house.....	5 00	
Haverstock.....	Barrels	24 75	
			2,639 85
	SYDNEY ESTABLISHMENT, NOVA SCOTIA.		
A. Farquharson.....	12 months salary as officer in charge, to 30th June, 1884	500 00	
J. Dunlop.....	12 months salary as assistant officer in charge, to 30th June, 1884	310 00	
A. Farquharson.....	Disbursements collecting eggs and distributing fry.	161 17	
Ross.....	Catching salmon	314 65	
Thompson & McIntyre.....	do	145 00	
McRae.....	do	103 45	
Thos. Roach.....	do	18 50	
Thos. Gillis.....	do	16 00	
Thos. McKenzie.....	Distributing fry.....	85 50	
Thos. Clements.....	do	18 75	
	Carried over.....	1,673 02	21,163 09

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward.	\$ cts. 1,673 02	\$ ct 21,163 0
	FISH BREEDING—Continued.		
	SYDNEY ESTABLISHMENT, NOVA SCOTIA—Con.		
Sydney Coal Co.	Coal.	41 00	
A. C. Campbell.	Hauling coal.	13 20	
R. McKenzie.	Horse hire.	31 00	
J. G. Dunlop.	do.	18 00	
W. J. Dunlop.	do.	10 50	
C. H. Harrington.	Lumber.	18 73	
W. J. McLellan.	Tinsmith's work.	17 47	
H. McDonald.	Balance of extras on building.	94 20	
J. Dobson.	Ice.	6 00	
N. & J. McLellan.	Stove pipes.	10 90	
E. Watson.	Fish tanks.	9 00	
J. A. Ross.	Hardware.	18 79	
Burchill, Matheson & Co.	Hardware.	72 20	
John Morrison.	Making and repairing nets.	25 00	
J. A. McKenzie.	Stationery.	11 46	
Angus McLeod.	Paint.	14 79	
			\$2,098
	MIRAMICHI ESTABLISHMENT, NEW BRUNSWICK.		
Isaac Sheasgreen.	12 months salary as Officer in Charge, to 30th June, 1884.	499 92	
Pat. Hogan.	Catching salmon.	108 40	
Pat. Gullis.	do.	71 20	
Michael Ryan.	do.	66 40	
W. T. Sheasgreen.	do.	66 50	
Richard Murphy.	do.	65 00	
J. Sheasgreen.	do.	16 00	
John Sheasgreen.	Horse hire, &c.	52 00	
W. F. Sheasgreen.	do.	34 30	
R. R. Call.	Coal.	80 00	
W. F. Sheasgreen.	Carting coal.	32 00	
John Ferguson.	Hardware.	56 39	
Elsen Tozer.	Building scow.	50 00	
J. H. Phinney.	Lantern and cans.	10 25	
James Fish.	Lumber.	6 78	
W. F. Sheasgreen.	Cutting ice.	11 00	
			1,226
	St. JOHN RIVER ESTABLISHMENT, NEW BRUNSWICK.		
Chas. McCluskey.	12 months salary as Officer in Charge, to 30th June, 1884.	499 92	
do.	Disbursements procuring ova, &c., &c.	308 36	
F. C. Mills.	Supplying salmon eggs.	42 45	
Alex. Mowat.	Disbursements with eggs.	69 25	
R. A. McCluskey.	Labour.	3 75	
Robt. McCluskey.	do.	3 23	
James Shehan.	do.	2 50	
D. Frazer.	Board.	1 50	
Frank Craig.	Trucking.	3 00	
N. B. Railway.	Freight.	0 44	
Chas. McCluskey.	Coal.	116 50	
Margaret Picket.	Rent of land.	50 00	
			1,100
	Carried forward.		25,578

STATEMENT of Expenditure on account of Fisheries, &c.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts.	\$ cts.
			25,578 41
	FISH BREEDING— <i>Concluded.</i>		
	DUNK RIVER ESTABLISHMENT, P. E. ISLAND.		
Henry Clark.....	12 months salary as Officer in Charge, to 30th June, 1884.....	395 00	
Receiver-General	Superannuation tax.....	5 00	
Henry Clark.....	Disbursements distributing fry, etc.....	127 27	
Bertram Clark.....	Labour.....	93 00	
D. Rogers	Coal	123 13	
Henry Clark.....	Hauling coal.....	28 00	
			771 40
	GENERAL DISBURSEMENTS.		
W. H. Rogers.....	Compensation for use of Roger's patent fish way...	400 00	
N. L. Todd & Co.....	Building fishway, Indian River, N.S.....	195 87	
G. Kerr & Sons.....	do Middle do	130 85	
J. B. Kinney.....	do Carleton do	120 87	
Stewart, Freeman & Co.	do Jordan do	55 69	
R. Pevoril.....	do Tangier do	47 45	
B. Haley	do Annapolis do	34 06	
J. B. Kinney.....	Superintending building fishways.....	108 00	
Lewis Quick	Boxes for ova for Marquis of Lorne.....	29 70	
J. A. Hatfield.....	Removing obstruction in Tusket River, N.S.....	44 97	
N. Y. Coal Tar Co.....	Paraffine varnish	21 00	
T. Douglas.....	Express charges on varnish.....	10 00	
Canadian Express Co....	Charges on salmon from British Columbia.....	26 80	
S. McLaughlin.....	Photographs lobster specimens.....	5 00	
P. Valiquet.....	Plans of fishways.....	5 00	
			1,235 26
	Total.....		27,585 07

STATEMENT of Expenditure on account of Fisheries, etc.—*Concluded.*

RECAPITULATION.

	\$	cts.	
Ontario.....	15,192	73	
Quebec.....	13,186	26	
Nova Scotia.....	15,600	01	
New Brunswick.....	14,388	02	
Prince Edward Island.....	2,767	98	
British Columbia.....	2,231	97	
Manitoba.....	872	40	
Legal and incidental expenses.....	1,003	72	
Advertising.....	63	66	
Fish Hatchery, British Columbia.....	3,704	31	69,011 06
<i>Fish Breeding.</i>			
Superintendent's Salary.....	1,999	96	
Newcastle Establishment.....	4,985	05	
Sandwich do.....	3,026	12	
Tadoussac do.....	2,232	25	
Ristigouche do.....	2,338	11	
Gaspé do.....	1,932	43	
Magog do.....	2,009	32	
Bedford Basin do.....	2,639	65	
Sydney do.....	2,088	26	
Miramichi do.....	1,226	14	
St. John River do.....	1,100	92	
Dunk River do.....	771	40	
General Disbursements.....	1,235	26	27,585 07
Total.....			96,596 13

FISHING BOUNTIES.

APPENDICES.

GENERAL STATEMENT

OF Fishing Bounty Claims received, for the Year 1883.

Province.	County.	Number of Claims Received.	Number of Claims Rejected.
Nova Scotia.....	Antigonish.....	298	1
	Annapolis.....	277	6
	Cape Breton.....	574	22
	Digby.....	495	7
	Guysboro'.....	869	4
	Halifax.....	1,297	2
	Inverness.....	537	
	Kings.....	37	
	Lunenburg.....	559	6
	Pictou.....	24	
	Queens.....	208	5
	Richmond.....	847	8
	Shelburne.....	569	29
	Victoria.....	549	3
	Yarmouth.....	231	4
		7,171	97
New Brunswick.....	Charlotte.....	638	48
	Gloucester.....	633	13
	Kent.....	274	50
	Northumberland.....	10	
	Restigouche.....	2	
	St. John.....	127	3
	Westmoreland.....	9	
		1,693	114
Prince Edward Island.....	King's.....	501	10
	Prince.....	463	8
	Queen's.....	174	15
		1,138	33
Quebec.....	Bonaventure.....	1,121	209
	Gaspé.....	1,939	26
	Rimouski.....	20	20
	Saguenay.....	522	24
		3,602	279

RECAPITULATION.

Nova Scotia.....	7,171	97
New Brunswick.....	1,693	114
Prince Edward Island.....	1,138	33
Quebec.....	3,602	279
Totals.....	13,604	523

GENERAL STATEMENT of Payments made on account of Fishing Bounty Claims, for the Year 1883.

Province.	County.	Amount Paid.	Total.
		\$ cts.	\$ cts.
Nova Scotia.....	Antigonish	482 50	
	Annapolis	2,045 50	
	Cape Breton.....	3,289 50	
	Digby.....	4,834 50	
	Guysboro'	7,559 00	
	Halifax.....	12,100 50	
	Inverness	3,994 50	
	King's.....	303 50	
	Lunenburg.....	19,508 00	
	Pictou.....	322 00	
	Queen's.....	2,633 00	
	Richmond.....	7,774 00	
	Shelburne.....	11,070 50	
	Victoria	3,282 50	
	Yarmouth.....	10,181 00	
			89,383 50
New Brunswick	Charlotte	5,210 00	
	Gloucester	4,056 00	
	Kent.....	1,463 50	
	Northumberland	120 50	
	Restigouche	52 00	
	St. John	1,448 70	
	Westmoreland	40 00	
			12,390 70
Prince Edward Island.....	King's.....	3,083 64	
	Prince.....	3,810 00	
	Queen's.....	1,646 00	
			8,569 64
Quebec	Bonaventure.....	3,846 50	
	Gaspé.....	11,452 00	
	Saguenay.....	4,585 01	
			19,883 51

RECAPITULATION.

Nova Scotia.....		89,383 50
New Brunswick.....		12,390 70
Prince Edward Island.....		8,569 64
Quebec		19,883 51
	Total.....	130,227 35

STATEMENT showing Fishing Bounties paid to VESSELS in each County
for the Year 1883.

Province.	County.	No. of Vessels.	Tonnage.	Average Tonnage.	No. of Men.	Amount Paid.
						\$ ct
Nova Scotia	Annapolis.....	22	419	19	96	838 0
	Cape Breton.....	12	218	18	45	436 0
	Digby.....	73	3,334	46	422	2,652 0
	Guysboro'.....	35	1,457	41	263	2,914 0
	Halifax.....	120	3,018	25	718	6,020 0
	Inverness.....	11	286	26	57	572 0
	King's.....	3	73	24	9	146 0
	Lunenburg.....	154	8,829	57	1,686	17,658 0
	Pictou.....	4	101	25	13	202 0
	Queen's.....	24	913	38	224	1,826 0
	Richmond.....	63	1,779	28	446	3,558 0
	Shelburne.....	84	4,372	52	968	8,744 0
	Victoria.....	8	246	31	44	492 0
	Yarmouth.....	87	4,743	54	1,247	9,486 0
		700	29,788	43	6,238	55,544 0
New Brunswick.....	Charlotte.....	71	1,190	17	309	2,380 0
	Gloucester.....	19	246	13	60	492 0
	Kent.....	8	133	17	27	266 0
	Northumberland.....	2	34	17	9	68 0
	Restigouche.....	2	26	13	5	52 0
	St. John.....	24	473	20	86	861 2
		126	2,102	17	496	4,119 2
Prince Edward Island....	King's.....	6	193	32	20	293 1
	Prince.....	8	209	26	35	418 0
	Queen's.....	2	48	24	11	96 0
		16	450	28	66	807 1
Quebec.....	Gaspé.....	27	1,076	40	194	2,152 0
	Saguenay.....	33	1,133	34	243	2,266 0
		60	2,209	37	437	4,418 0

RECAPITULATION.

Nova Scotia.....	700	29,788	43	6,238	55,544 0
New Brunswick.....	126	2,102	17	496	4,119 2
Prince Edward Island....	16	450	28	66	807 1
Quebec.....	60	2,209	37	437	4,418 0
Totals.....	902	34,549	38	7,237	61,888 3

STATEMENT of Fishing Bounties paid to BOATS, for the Year 1883.

Prov.nce.	County.	No. of Boats.	No. of Men.	Amount Paid.
				\$ cts.
Nova Scotia.....	Antigonish	97	193	482 50
	Annapolis	252	483	1,207 50
	Cape Breton.....	541	1,140	2,853 50
	Digby	416	873	2,182 50
	Guysboro'	860	1,857	4,645 00
	Halifax	1,200	2,433	6,080 50
	Inverness	526	1,369	3,422 50
	King's	34	63	157 50
	Lunenburg	400	740	1,850 00
	Pictou	20	48	120 00
	Queen's	179	324	810 00
	Richmond	791	1,687	4,216 00
	Shelburne	461	930	2,326 50
	Victoria	538	1,116	2,790 50
	Yarmouth	141	278	695 00
		6,456	13,534	33,839 50
New Brunswick..	Charlotte	519	1,132	2,830 00
	Gloucester	601	1,426	3,564 00
	Kent'	216	479	1,197 50
	Northumberland	8	21	52 50
	St. John	100	234	587 50
	Westmoreland	9	16	40 00
		1,453	3,308	8,271 50
Prince Edward Island	King's	493	1,115	2,790 50
	Prince	447	1,368	3,422 00
	Queen's	157	620	1,550 00
		1,097	3,103	7,762 50
Quebec.....	Bonaventure.....	912	1,539	3,846 50
	Gaspé.....	1,886	3,720	9,300 00
	Saguenay	468	928	2,319 00
		3,266	6,187	15,465 50

RECAPITULATION.

Nova Scotia.....	6,456	13,534	33,839 50
New Brunswick	1,453	3,308	8,271 50
Prince Edward Island	1,097	3,103	7,762 50
Quebec.....	3,266	6,187	15,465 50
Totals.....	12,272	26,132	65,339 00

DETAILED STATEMENT of Fishing Bounties paid to VESSELS, for the Year 1883.

PROVINCE OF NOVA SCOTIA.

ANNAPOLIS COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
77,957	Kedron	Annapolis	23	J. & Hd. Anderson.	Granville	3	46 00
59,347	Sea Gull	do	20	Stephen Anderson..	do	4	40 00
36,569	Hope	Halifax	34	Elias Hudson, sen..	Parker's Cove.	4	68 00
51,378	Ita	St. Andrews, N.B.	15	A. J. and W. C. Woodworth	Litchfield	4	30 00
77,732	Heather Bell	Digby	13	U. A. Piggott.....	Granville	3	26 00
38,164	Tivy	Yarmouth	28	Geo F. Neville.....	do	4	56 00
83,258	Alfred	Annapolis	23	Alfred Longmire ..	do	5	46 00
83,255	Floyd	do	20	Samuel Sproul	Litchfield.....	7	40 00
83,260	Gazelle	do	20	Joseph Hall.....	Granville	3	40 00
83,256	Marquis of Lorne ..	do	27	do	do	6	54 00
83,257	Princess Louise.....	do	21	do	do	5	42 00
83,254	Sea Foam	do	28	James E Shafner..	do	5	56 00
57,133	Water Lily	Yarmouth	13	Ed and Jas. John ..	do	6	26 00
44,64	Lilla Dale	Digby	14	Stephen Taylor.....	Victoria Beach	5	28 00
75,426	Dolphin	Annapolis	11	Handly Lewis	Port Lorne....	4	22 00
51,745	Valley	St. Andrews, N.B.	11	Wm. Starratt.....	do	3	22 00
83,253	Rescue	Annapolis	17	Josiah Burrill.....	Clements.....	5	34 00
77,956	Speed	do	13	Chas. W. Burrill ..	do	5	26 00
77,958	Maggie M.	do	16	W. F. Potter	do	4	32 00
83,259	Hettie May	do	15	Jas. R. Roop	do	4	30 00
57,109	Sea Bird	Yarmouth	22	James E. Shafner..	do	4	44 00
77,766	Laconic	Shelburne	15	David Milner.....	Parker's Cove.	3	30 00

CAPE BRETON COUNTY.

80,977	Ingraham	Sydney	14	Chas. Ainsley, sen..	North Sydney..	4	28 00
75,703	Stella Maria	do	10	Michael McDonald..	Leitch's Creek	3	20 00
74,938	River Queen	do	32	Peter Desveaux.....	Lit. Bras d'Or.	4	64 00
80,973	Ocean Wave	do	20	Samuel Moore	do	5	40 00
80,961	Water Lily	do	19	Theodore Martell ..	Lit. Glace Bay	4	38 00
36,136	Queen of the East ..	Halifax	25	Michael Burke	Main-à-Dieu....	3	50 00
80,963	Princess	Sydney	10	James W. Grant ..	Gabarouse.....	2	20 00
80,969	May Flower	do	11	Wm & Thos Kelly..	Lingan.....	3	22 00
74,125	George Williams ..	do	16	Mal'lm McPherson ..	Sydney	4	31 00
77,857	Sailor's Bride.. ..	do	10	Florence E. O'Brien	Lit. Bras d'Or.	4	20 00
74,039	James Henry.....	do	18	Chas. W. Dunn	North Sydney	5	36 00
61,792	Alice May	Halifax	33	Solomon Tutty	Louisburg	4	66 00

DIGBY COUNTY.

80,800	Helen Maud	Digby.....	19	Edgar and Chas McDormand.....	Westport.....	5	38 00
42,081	Randolph P	do	14	Chas. McDormand..	do	4	28 00
85,683	Edith L.	do	16	John & Isaac Peters	do	4	32 00
72,977	Nellie H. Ham	do	26	Isaac Peters.....	do	7	53 00
75,64	Fawn	Shelburne	17	do	do	6	34 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*

DIGBY COUNTY—*Continued.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
002	Ocean Lily.....	Digby	17	M. D. Peters.....	Westport.....	6	31 00
001	Vesta.....	Shelburne	21	Clarence Peters....	do	7	42 00
080	T. W. S. Greser....	Lunenburg	30	James A. Peters....	do	8	60 00
84	Silver Cloud.....	Digby	41	do	do	9	82 00
001	Flash	do	10	do	do	5	20 00
072	Ulrica	do	20	Jacob Davis.....	do	3	40 00
47	River Rose.....	Barrington....	13	George Cann.....	do	6	26 00
99	Hattie T.....	Digby.....	16	Frank Titus.....	do	6	32 00
40	Elmer	do	15	Charles Titus.....	do	6	30 00
78	Annie Coggins.....	Digby	22	Annie and William Coggins.....	Westport.....	6	44 00
29	Fairy Queen.....	Yarmouth	12	Wallace Coggins...	do	4	24 00
061	Florence.....	St. John, N.B.	15	E. C. Bowers.....	Digby Co.....	4	30 00
26	Thrush	Yarmouth	13	Stephen Payson....	do	5	26 00
17	Willie	do	21	James Glaven.....	Freeport.....	8	42 00
82	Malapert.....	Digby.....	22	Henry and James Glaven.....	do	8	44 00
73	Sea Breeze.....	do	13	Handford Denton...	Westport.....	4	26 00
22	Yuba.....	Yarmouth	15	John Collins	Cape Cove.....	6	30 00
004	Jennie C.....	do	16	Charles Hicks.....	do	6	32 00
26	Dreadnaught.....	do	19	J. D. Payson.....	Westport.....	6	38 00
98	Freddie G.....	Digby	18	do	do	5	36 00
06	Gladstone.....	do	16	Augustus Haycock	do	6	32 00
1	Condor	Yarmouth	11	Maurice Haycock...	do	5	22 00
57	Etta.....	do	17	do	do	6	34 00
94	Minnie C.....	Digby	18	Charles H. Bailey .	do	6	36 00
33	Freddie Stevens....	do	24	William Howard ..	do	7	48 00
95	Buda.....	do	20	E. P. Ruggles.....	do	6	40 00
83	Lost Heir.....	Port Medway..	14	Amos Outhouse....	Tiverton	5	28 00
87	Happy Return.....	Weymouth....	13	Albert Outhouse....	do	3	26 00
88	Festino.....	do	26	Holland Outhouse..	do	6	52 00
10	Monitor.....	Lunenburg	35	John Allen and Son	do	7	70 00
97	Ella H.....	Digby	13	Milton & Ed. Haines	Freeport.....	5	26 00
51	Helen Gertrude....	Yarmouth	16	do	do	6	32 00
11	Dove.....	do	19	Joseph Ossinger...	do	7	38 00
80	Wave	Digby	11	Frank Thurber.....	do	5	22 00
90	Lora T.....	do	16	Joseph Thurber....	do	6	32 00
14	Prince	Yarmouth	10	Geo. H. Stevens....	do	5	20 00
86	Lizzie P.....	Digby	12	Norman Parry.....	do	2	24 00
25	Stella.....	Yarmouth	24	John Denton.....	do	6	48 00
97	Little Fury.....	Digby	13	Joseph Hall.....	Granville.....	3	26 00
98	Lizzie Jane.....	do	18	John W. Snow.....	Digby.....	5	36 00
61	We are Here.....	do	13	do	do	2	26 00
38	Zouave.....	Yarmouth	20	Joseph E. Snow....	do	*2	24 00
26	Minnie Ha! Ha!....	Shelburne	20	E. N. Lutz <i>et al.</i> ...	do	5	40 00
08	May Rose.....	Yarmouth	26	John Starr Hayden	L. Granville..	10	52 00
41	Lottie.....	do	12	Bruce Kerr.....	Digby.....	5	24 00
22	Morning Star.....	do	25	J. W. Cousins.....	do	10	50 00
95	West Wind.....	Digby	25	do	do	10	50 00
36	Twilight.....	do	14	James Ellis.....	do	4	28 00
35	L. M. Ellis.....	do	35	W. E. Ellis <i>et al.</i> ...	do	8	70 00
32	Victoria.....	do	29	Turnbull & Welsh..	Smith's Cove..	7	58 00
56	M. P. Reed.....	Annapolis.....	30	David Sproul <i>et al.</i>	do	10	60 00
31	Economist.....	do	14	Adelbert Ryder, sr.	Granville.....	6	28 00
34	Constitution.....	Digby	28	Charles J. Baker...	do	10	56 00
37	Mabel.....	do	39	George T. Wright...	Digby.....	4	78 00
21	Charlie.....	Weymouth....	10	James Hutchinson..	do	5	20 00
1	Willie M.....	Yarmouth	24	Josiah Ellis.....	Maitland	9	48 00

* Four of crew did not fish three months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—C

DIGBY COUNTY—Concluded.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
85,534	Lloyd	Yarmouth	23	John H. Harris <i>et al</i> .....	.....	8	\$ 46
85,539	Maggie Jane	do	12	Mande Trakan <i>et al</i>	Salmon River.	6	24
80,630	Vanity	do	11	Samuel F. Perry	Yarmouth	6	24
85,533	Minnie C	do	12	Charles Cann & Co.	do	6	24
80,650	Happy Home	do	14	Luke LeBlanc <i>et al</i>	Salmon River.	7	28
85,550	Fair Play	do	11	John Sollows	Maitland	5	21
75,864	Roving Lizzie	Weymouth	11	Holmes Sanders	Sandy Cove ..	3	21
77,953	Zulu'	Annapolis	18	Theodore Raymond	do	7	34
51,961	Lillie Dale	Yarmouth	11	Wm. W. Hayden	Digby	4	21
75,716	Osward	do	11	S. L. Daken	Trout Cove ..	3	21
83,417	Zoulou	Weymouth	12	Anatole Melancon	Clare	4	21
75,612	Alice	Yarmouth	17	Edmund Trask	Little River ..	7	31

GUYSBOROUGH COUNTY.

36,273	Jenny Lind	Halifax	14	William O'Hara	Salmon River.	4	21
80,985	Annie Roy	Guysboro'	90	George E. Jost	Guysboro'	14	16
80,984	Estella	do	75	do	do	14	15
38,391	Charlotte	Arichat	28	Joseph Luddington	New Harbour ..	6	5
80,981	Georgina	Guysboro'	95	John McE. Cunningham	Guysboro'	15	16
30,970	Orion	Halifax	24	Ed. B. Pelrine	Larry's River.	5	41
74,141	Belle	Guysboro'	31	Robert H. Morrison	Torbay	10	61
69,132	Belle of the Bay	do	20	do	do	5	41
69,141	Mary Elizabeth	Halifax	16	W. G. Webber	do	5	21
61,627	Hope	Guysboro'	25	William G. Peart	Guysboro'	5	21
59,470	Dart	do	44	Frederick Mahoney	do	5	21
61,638	Sir John A	do	25	John Ehler, 3d	Crow Harbour ..	4	21
64,033	Ripple	Yarmouth	29	George A. Tanner	do	8	21
37,616	Petipau	Guysboro'	22	Wm. & R. Whitman	Guysboro'	3	21
37,565	Defiance	Halifax	24	Seth McKenzie	do	4	21
41,922	Paragon	Liverpool	35	Simon McKenzie	Canso	5	21
75,875	Leda and Lizzie	Pictou	56	Thomas C. Cook	do	7	21
75,709	Alert	Sydney	36	do	do	3	21
77,781	Lina May	Guysboro'	82	A. N. Whitman	do	11	10
75,627	A. W. White	Shelburne	99	do	do	14	10
80,987	Geraldine	Guysboro'	139	do	do	18	10
72,604	Wm. R. Page	do	81	do	do	14	10
77,931	Sea Gull	Charlottetown ..	28	George Walsh	do	7	10
75,763	Ripple	P. E. I.	17	Robert Jamieson	do	3	10
41,771	Aralia	Lunenburg	34	Thomas H. Peoples	Pirate Harbour ..	5	10
46,105	Jane Otis	Guysboro'	50	M. Keating	Port Mulgrave ..	8	10
37,057	Union	Amherst	46	James Purcell & Co.	do	9	10
54,137	John Williams	Halifax	41	do	do	9	10
69,964	Lizzie A	do	20	John F. Reeves <i>et al</i>	do	3	10
74,355	La Mode	Pt. Hawkesb'y ..	25	John Forrestall	do	5	10
35,632	Glide	Pictou	30	John Forrester	Auld's Cove	6	10
74,117	Lizzie M	Halifax	37	George McKinlay	Liscomb	8	10
83,400	Hope	do	13	John H. Myers	do	4	10
64,912	William Boak	do	62	George Cook	Co. Harbour ..	4	10
55,540	Sea Flower	Peter McConnell <i>et al</i>	113	Peter McConnell <i>et al</i>	Port Hillford ..	5	10
				James Purcell & Co	Port Mulgrave ..	12	10

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*

HALIFAX COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
42	Western Belle.....	Shelburne.....	23	James P. Coolen, sr	St. Margaret's Bay.....	8	46 00
78	Zephyr.....	Halifax.....	14	Lorenzo and James O'Brien.....	Prospect.....	4	28 00
19	Royal.....	do.....	12	James and Tobias Scott.....	East Dover....	4	24 00
68	May Alice.....	do.....	21	James Scott <i>et al.</i> ..	do.....	6	42 00
58	Lilian.....	do.....	15	Michael Chancey <i>et al.</i>	Prospect.....	5	30 00
95	Brill.....	do.....	28	John Fegan.....	Ketch Harbour	6	56 00
20	Nimble.....	do.....	59	John Stone.....	Halifax.....	11	118 00
68	Zelu.....	Port Medway..	21	Richard Boutillier..	Boutillier Cove	5	41 00
35	Four Brothers.....	Halifax.....	26	Daniel Bonin.....	West Chezzet-cook.....	6	52 00
03	Drucilla May.....	do.....	19	William Baker.....	West Dover....	5	38 00
08	City Belle.....	do.....	21	Noah Fader <i>et al.</i> ...	Shad Bay.....	5	42 00
43	Nettie B. H.....	do.....	23	Wm and John Hearn	U. Prospect....	6	46 00
36	T. W. Smith.....	do.....	35	Edward Walsh, sen.	do.....	10	70 00
05	Lady of the Lake..	do.....	13	Edward Walsh, sen., <i>et al.</i>	do.....	5	26 00
90	Susan C.....	do.....	21	Daniel Croucher....	St. Margaret's Bay.....	6	42 00
15	Peep-O'-Day.....	do.....	12	Abraham Publi-cover <i>et al.</i>	West Dover....	2	24 00
98	Ocean Child.....	do.....	20	Robert Wolf.....	West Chezzet-cook.....	4	40 00
65	Nellie D.....	do.....	12	Daniel Smith, jun..	Sambro.....	3	24 00
109	Minnie B.....	do.....	18	James Cornelius, jun	.....	5	36 00
22	River Belle.....	do.....	11	Richard Christian..	U. Prospect....	5	22 00
85	Squirrel.....	do.....	15	George J. Longard <i>et al.</i>	St. Margaret's Bay.....	5	30 00
213	H. H. Bella.....	do.....	13	John Longard <i>et al.</i>	do.....	4	26 00
340	Ocean Ranger.....	Lunenburg....	13	Edward Corney.....	Dover.....	5	26 00
219	Annie.....	Halifax.....	14	George H. Graham	Three Fathom Harbour.....	4	28 00
379	Helena.....	do.....	17	Dennis Ryan.....	Prospect.....	5	34 00
385	Minnie M.....	Halifax.....	26	Isaac Lapierre.....	Chezzeetcook...	5	52 00
382	G. H. Marryatt....	do.....	24	G. H. Marryatt....	Pennant.....	5	48 00
583	Warrior.....	do.....	102	Geoff. Morrow <i>et al.</i>	Halifax.....	16	160 00
396	Silver Stream.....	do.....	35	George W. Smith....	Indian Harb'r..	9	70 00
59	Richmond Queen..	do.....	36	George R. Hart.....	Halifax.....	8	72 00
901	Welcome.....	do.....	32	Peter Dauphiney...	.....	6	64 00
645	Alpha.....	do.....	18	G. P. Boutillier <i>et al.</i>	French Vil'ge..	7	36 00
114	Sailors' Fancy.....	do.....	16	J. A. Wambolt <i>et al.</i>	.....	6	32 00
575	Rising Dawn.....	Lunenburg....	18	Leav. Wambolt <i>et al.</i>	.....	5	36 00
379	Cetewayo.....	Pictou.....	20	D. H. Pitts.....	Halifax.....	4	40 00
782	Hester A. R. Vogler	Halifax.....	71	George A. Pyke.....	do.....	14	143 00
172	Hope.....	Lunenburg....	31	J. McGrath, sr., <i>et al.</i>	.....	8	62 00
760	Guardian Angel....	Halifax.....	36	John Reyno, sen....	Herring Cove..	5	72 00
365	Ellen.....	do.....	32	do.....	do.....	7	64 00
332	Ella May.....	Lunenburg....	16	George Adams.....	.....	5	32 00
999	Leading Breeze.....	Halifax.....	15	David F. Covey....	Hagget's Cove	5	30 00
655	Daisey.....	do.....	16	Cyrus Johnson <i>et al.</i>	St. Margaret's Bay.....	4	32 00
654	Annie F.....	do.....	20	Hy. Wambolt <i>et al.</i> ..	do.....	6	40 00
999	Fannie R. C.....	do.....	22	Elij J. Covey <i>et al.</i>	do.....	7	44 00
651	Eley Elvy.....	do.....	18	Hy. Wambolt <i>et al.</i>	do.....	5	36 00
395	Elerie.....	do.....	29	Elijah J. Covey....	do.....	7	58 00
335	Trial.....	do.....	23	do.....	do.....	8	46 00
129	Telephone.....	Port Medway..	70	William McConnell	Hilford.....	4	140 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—Co

HALIFAX COUNTY—Continued.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
74,114	Whisper	Halifax	13	J. G. Slauenwhite.	Terrence Bay.	4	26
83,134	Infant	do	14	C. Slauenwhite, sr.	do	4	28
37,488	Gipsev Lass	do	26	J. P. Slauenwhite ..	do	8	52
85,380	Nimble	do	14	J. F. Slauenwhite.	do	4	28
57,674	Dreadnought	do	17	do	do	5	34
80,821	W. A. Smith	Lunenburg ...	32	J. W. Slauenwhite..	do	6	64
85,381	Champion	Halifax	17	Danl. Slauenwhite.	do	5	34
85,669	Kitty Clyde	do	13	Jno. F. Slauenwhite	do	5	26
83,222	Wave	do	15	Arch. Jollimore ..	do	4	30
61,629	Carrie R.	do	17	Peter Jollimore ..	do	5	34
61,903	Flying Cloud	Liverpool	20	Moses Brooks	Ketch Harbour	5	40
61,939	Margaret	Halifax	22	Francis Hanrahan.	Ferguso's C've	6	44
61,947	Widgeon	do	22	Fred'k. Harrigan ...	Herring Cove.	5	44
54,132	John Franklin	do	18	James Dempsey	do	6	36
57,727	Agnes	do	21	John Hayes	do	6	42
64,869	Sarah L. Oxner	do	33	William Hayes	do	6	66
59,462	Rival	do	19	William Fleming ...	Ketch Harbour	5	38
57,681	Quickstep	do	22	Edw. Gallagher	do	4	44
57,662	Village Bride	do	24	Emmanuel Fagan...	do	5	48
74,020	Addie	do	17	Dennis Fagan	do	5	34
42,291	Volunteer	do	16	Emmanuel McKay..	do	*1	16
57,672	Daisy	do	35	George Smith	Ferguso's C've	7	70
36,152	Sarah Ann	do	20	Archibald Darah ...	Herring Cove.	6	40
83,135	J. B. M.	do	20	John Brown	do	6	40
53,551	Roving Bird	do	24	do	do	6	43
61,972	Fanny	do	18	Edward Gorman...	do	6	36
59,495	Three Brothers	do	23	Andrew Sullivan ...	do	6	46
68,727	Willow	Lunenburg ...	18	Jeffrey O'Gorman...	do	3	36
57,715	John Lawrence	Halifax	23	William Higgins...	Ketch Harbour	5	46
53,600	Star Light	do	29	Mark Power	Herring Cove.	6	58
83,108	Maud	do	15	Joseph Reyno, jun.	do	4	30
85,664	Mary E.	do	14	John J. Gray	Sambro	2	28
88,220	Grandee	do	14	William Hart	do	4	28
69,162	Norns	do	22	George Schnare ...	Pennant	5	44
35,678	Hariza	do	52	James Stoddard	do	10	104
80,841	Nina	do	13	W. E. Murphy	Owl's Head...	4	26
83,408	M. A. Franklin	do	22	Alfred Russell	Clam Harbour	5	44
74,105	Jessie	do	22	Peter Mitchell	Ship Harbour.	6	44
36,050	Victoria	do	34	George Hawes	Spry Harbour..	4	68
41,787	Silver Dart	Halifax	30	John Hutt	Tangier	6	60
37,619	British Queen	do	20	Wm. Houbly	Spry Bay	3	40
64,881	Eliza A.	do	40	Edward Leslie	do	5	80
83,403	Walter Alton	do	59	W. Chas. Henley...	do	9	118
55,836	Frank Newton	Sydney	39	Thomas Conrod	Shoal Bay	7	78
73,116	Hattie Lewis	Halifax	53	J. E. Conrod	Spry Harbour..	8	106
74,100	Candid	do	23	Daniel Lapierre	W. Chezzetck	7	46
64,872	Catherine	do	20	do	do	4	40
85,660	Agness	do	11	Aimé Lapierre	do	3	22
83,107	North Star	do	26	Simon Lapierre	do	7	52
83,106	Annie Isabel	do	24	Martin Julien	do	7	48
74,071	Condor	do	16	John Julien	do	3	32
85,652	Our Hope	do	36	Charles Wolf	do	9	72
88,215	Sir Rupert	do	20	Hy. Falkner <i>et al.</i> ...	Jeddore	4	40
75,833	Twilight	do	14	Eli Baker	East Jeddore..	6	28
69,097	Highland Jane	do	32	Geo. Hartling, sen.	Jeddore	10	64
74,087	Sea Gem	do	30	Wm. Gennix	do	7	60
37,519	Safe Guide	Shelburne	28	W. C. Henley	Spry Bay	4	56
66,749	Flash	Halifax	24	David Coolin <i>et al.</i> ...	Hub'd's Cove	7	48
59,455	Willie McLaughlan	Lunenburg ...	12	J. W. Morash	N.-W. Cove...	3	24

* Remainder of crew did not fish 3 months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*HALIFAX COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
75,815	Herbert	Halifax	30	C. and H. Hubley..	St. Margaret's Bay	10	60 00
73,966	Zephyr.....	do	27	David Dauphiney...	Hub'd's Cove ..	9	54 00
71,517	Bessie.....	do	33	Hy. A. Shatford....	do	8	66 00
73,969	Bertha E	do	21	do	do	7	42 00
74,018	Ocean Bride	do	23	Jas. McLean & Son.	do	7	46 00
73,402	Louisa Maud	do	21	Fred. Boutilier <i>et al.</i>	do	7	42 00
73,964	Aubrey S	do	21	Jeffrey Gilbert	Petpiswick H'r ..	6	42 00
78,224	Tormentor	do	15	Michael Rice <i>et al.</i>	Low'r Pr'spect ..	5	30 00
74,098	Rival	do	30	Henry Lapierre.....	W. Chezzet'k ..	8	60 00
75,387	Topaz	do	104	Chebueto Fish'g Co	Halifax	18	160 00
70,986	Diamond.....	do	101	do	do	16	160 00
76,511	P. Martin	do	36	Richard Hawes	Spry Harbour....	6	72 00
71,904	Water Lily.....	do	14	Simon Scott <i>et al.</i> ...	West Dover.....	3	28 00

INVERNESS COUNTY.

74,715	Helen	Pt. Ha'kesbury	19	P. Robin & Co .....	.....	7	38 00
73,603	Sea Flower.....	do	25	do .....	.....	6	50 00
74,417	Messenger.....	Arichat	30	do .....	.....	7	60 00
70,457	Highland Lass.....	Lunenburg	15	P. LeBlanc <i>et al.</i>	Cheticamp.....	5	30 00
79,125	May Flower	Halifax	11	Poly. Cormier <i>et al.</i>	do	4	22 00
73,969	Morning Light	Pt. Ha'kesbury	39	David Walker.....	R. Inhabitants ..	3	78 00
76,909	Opal	do	49	Joseph Steele	do	3	98 00
74,468	Hector	Arichat	35	W. H. & F. L. Paint	Pt. Ha'kesbury ..	9	70 00
73,089	St. Peter.....	Pt. Ha'kesbury	15	Ths. and R. White.	Mahone Harb.	5	30 00
73,091	Jennie	do	11	John Jamieson	Steep Creek	2	22 00
77,656	Victory	do	37	John Galford.....	Pt. Richmond.....	6	74 00

KINGS COUNTY.

72,086	Mary Ann.....	Digby	46	Hy. E Ogilvie	Harbourville.. ..	4	92 00
70,380	Enterprise.....	Parrsboro'.....	15	Caleb Ogilvie	do ..	2	30 00
78,989	Petrel.....	Windsor.....	12	Elias Parker	Hall's Harbour ..	3	24 00

LUNENBURG COUNTY.

73,163	Victor	Lunenburg	76	L. Anderson & Co.	Lunenburg	12	152 00
74,018	Sunbeam.....	do	67	do ..	do	12	134 00
75,647	Pembina	do	93	do ..	do	15	160 00
75,722	Ottawa	do	115	do ..	do	16	160 00
75,345	Hope	do	106	do ..	do	14	160 00
75,348	Hiram	do	67	Henry Adams	do	12	134 00
74,012	Mystic	do ..	79	do	do	15	158 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*LUNENBURG COUNTY—*Continued.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
83,177	Maggie Belle	Lunenburg	72	Benjamin Berringer	Lunenburg	13	144 00
77,615	Candor	do	71	do	do	12	142 00
80,822	Leone	do	79	do	do	14	158 00
85,640	Virgin Belle	do	57	Francis Conrad	do	12	114 00
85,641	Pleroma	do	103	James Eisenhauer	do	14	160 00
85,645	Sissie Belle	do	40	Josiah Gerhardt	Middle South	9	80 00
69,200	Lorraine	do	69	James Geldert	Lunenburg	15	138 00
74,147	Welcome	do	44	Benj. Himmelman	do	10	88 00
57,270	Stella	do	50	Alfred Heisler	do	10	100 00
36,495	Lady Speedwell	do	56	Adam Knickle	do	10	112 00
83,176	Amazone	do	73	James Kinley	do	13	146 00
85,334	Valorous	do	57	Benjamin Lohnes	do	9	114 00
69,183	Mary Ann	do	47	James Moser	do	11	94 00
85,350	Saxon	do	79	George Myra	do	15	158 00
85,331	Parisian	do	107	A. R. Morash	do	14	160 00
80,836	Dictator	do	79	S. Watson Oxner	do	13	158 00
80,824	Elsie	do	56	do	do	10	112 00
77,614	Senator	do	75	do	do	13	150 00
85,337	Parthenia	do	110	do	do	15	160 00
85,343	Narcissus	do	127	do	do	14	160 00
80,827	Ocean Gem	do	78	John H. Ritcey <i>et al</i>	Ritcey's Cove	13	156 00
46,498	Mariner	do	56	Saml. Risser <i>et al</i>	do	8	112 00
85,338	Viola	do	109	Wm. I. Romkey	Lunenburg	14	160 00
85,349	Rise Over	do	81	William Smeltzer	do	15	160 00
80,828	Larkspur	do	44	J. D. Sperry	Petite Rivière	8	88 00
77,621	Gazelle	do	46	do <i>et al</i>	do	9	92 00
75,566	Julia A.	do	14	Martin J. Sperry	West Dublin	4	28 00
77,763	Fanny Young	do	85	William C. Smith	Lunenburg	15	160 00
75,562	Acine	do	75	C. L. Silver	do	13	150 00
80,837	Pet	do	69	Leander Schwartz	do	13	138 00
85,345	Verbena	do	78	Henry Wilson	do	14	156 00
83,174	W. E. Young	do	92	do	do	15	160 00
69,173	Ellen May	do	61	David Westhaver	Mahone Bay	12	122 00
83,175	A. K. Walter	do	82	Elias Walter	Lunenburg	15	160 00
74,144	Lily A. W.	do	52	Martin Westhaver	do	10	104 00
83,485	John M. Ingles	Liverpool	79	J. D. Sperry <i>et al</i>	Petite Rivière	8	158 00
85,347	Brilliant	Lunenburg	85	John B. Young <i>et al</i>	Lunenburg	14	160 00
80,839	Magnific	do	69	do	do	13	138 00
74,013	Sybil	do	77	Zwicker & Co	do	13	154 00
46,476	Amiel Corkum	do	53	W. A. Zwicker <i>et al</i>	do	9	106 00
85,345	Beatrice	do	79	do	do	15	158 00
85,648	Druid	do	95	Arthur H. Zwicker	do	14	160 00
75,908	Pathfinder	Halifax	66	William Falt	Petite Rivière	12	132 00
69,218	Standard	Lunenburg	77	John Anderson	Lunenburg	15	154 00
69,202	Treasure	do	76	Benjamin Anderson	do	16	152 00
74,132	Springfield	do	44	James Conrad <i>et al</i>	Rose Bay	10	88 00
75,567	Rosedale	do	56	Thomas Cook <i>et al</i>	Ritcey's Cove	10	112 00
77,601	Atlas	do	52	William Silver <i>et al</i>	do	14	104 00
74,139	Sadie	do	43	Thos. Greaser <i>et al</i>	La Have	8	86 00
83,140	Araunah	do	71	Jas. E. Hunt & Co.	Lunenburg	12	142 00
69,201	W. Roger	do	84	Charles Hewitt	do	14	160 00
69,175	Dial	do	44	J. & G. Himmelman	South	8	88 00
46,485	Quick Step	do	40	Thos. Heckman <i>et al</i>	do	10	80 00
85,332	Carrie McKay	do	56	Isaac Heckman, sr., <i>et al</i>	Rose Bay	10	112 00
77,622	Pleasantville	do	103	Albert McKean <i>et al</i>	do	17	160 00
85,723	Jesse A. Loye	do	99	Leonard Young <i>et al</i>	Lunenburg	16	160 00
59,489	Sea Lily	do	38	Geo. Gerhart <i>et al</i>	do	8	76 00
59,493	Escort	do	59	Thos. Greaser <i>et al</i>	Lower LaHave	10	118 00
75,563	Petrel	do	77	George Nass	Lunenburg	14	154 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*
LUNENBURG COUNTY—*Continued.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
5,635	Vanilla	Lunenburg	102	John Ritcey <i>et al.</i> ...	Ritcey's Cove.	14	160 00
3,133	Regina B.	do	83	Jacob Ritcey <i>et al.</i> ..	do	14	160 00
3,167	Cordelia Vogler...	Port Medway..	65	Samuel Ritcey <i>et al.</i>	La Have.....	13	130 00
5,015	Kohinoor.....	Lunenburg	77	Joseph Rudolph, jr.	Lunenburg	15	154 00
5,636	Prize.....	do	91	Abraham Smith	Lunenburg.....	15	160 00
3,965	Etta	do	28	Rupert Shoop.....	do	7	56 00
3,203	R. W. Smith	do	73	Charles Smith <i>et al.</i>	do	13	146 00
3,184	Laura May	do	45	Philip Shenkel.....	LaHave.....	9	90 00
5,011	Lavinia.....	do	71	Albert Young.....	Lunenburg.....	14	142 00
5,633	Dido	do	120	William Young <i>et al.</i>	do	14	160 00
3,488	Mary Young	do	77	do	do	13	154 00
5,019	Jewel.....	do	52	Leonard Young	do	11	104 00
5,631	Forest Belle.....	do	83	do <i>et al.</i>	do	14	160 00
3,171	Henrietta.....	do	115	do <i>et al.</i>	do	18	160 00
5,633	Ocean Belle	do	83	do <i>et al.</i>	do	14	160 00
5,721	Notice.....	do	47	James Bell <i>et al.</i>	do	8	94 00
3,118	True Love.....	Halifax.....	30	John Bell.....	LaHave.....	8	60 00
3,143	Ariquippa.....	do	36	James S. Bell <i>et al.</i> ..	do	8	72 00
3,840	Lettia May	Lunenburg.....	41	Wm. Cleversey <i>et al.</i>	do	8	82 00
3,170	Arthur	do	122	Saml. Corkum <i>et al.</i> ..	do	16	160 00
3,138	May	do	15	James Collie.....	do	2	30 00
3,140	J. Croft.....	Halifax.....	44	Jacob Croft	West Dublin...	8	88 00
3,571	Fanny.....	Lunenburg	16	James Covey, sen....	do	4	32 00
3,213	May Fly.....	do	12	John Fralick.....	LaHave	3	24 00
5,727	Jessie	do	40	James E. Hunt <i>et al.</i>	do	9	80 00
3,128	Happy-go-Lucky....	Port Medway..	35	Hiram Hayward.....	West Dublin...	8	70 00
3,477	Jeanet	Lunenburg	41	E. Hartlen <i>et al.</i>	LaHave	10	82 00
3,014	Corsica	do	79	T. Kreser <i>et al.</i>	do	14	158 00
5,565	Ralph	do	56	Henry Kreser <i>et al.</i> ..	do	10	112 00
5,576	Minnie A.....	do	41	George Kreser <i>et al.</i>	Ritcey Cove...	9	82 00
3,164	Valiant	do	88	Eph. Lohnes <i>et al.</i> ..	do	14	160 00
7,257	W. L. Lohnes	do	38	William Lohnes.....	LaHave	8	76 00
3,136	Eva Stewart.....	do	103	R. Mossman <i>et al.</i> ..	Kingsburg.....	14	160 00
7,786	Hesperus.....	Port Medway..	16	Lenoir Oxner <i>et al.</i> ..	LaHave.....	7	32 00
3,194	River Queen.....	Lunenburg	51	Nicholas Oxner <i>et al.</i>	do	12	102 00
5,569	Empress	do	47	Simon Pentz <i>et al.</i> ..	do	8	94 00
7,607	Dianthus.....	do	45	J. Parks, sen., <i>et al.</i>	do	8	90 00
5,637	Energetic	do	52	W.N. Reinhardt <i>et al.</i>	do	11	106 00
7,829	Florence B.....	do	32	Elias Richard.....	do	9	64 00
7,603	Traveller.....	do	55	William Romkey.....	New Dublin...	10	110 00
7,624	Mary E.....	do	69	Geo. Romkey <i>et al.</i> ..	do	13	138 00
3,132	Restless.....	do	25	W.N. Reinhardt <i>et al.</i>	do	7	50 00
3,200	Vesta.....	do	64	Jas. Publicover <i>et al.</i>	do	12	128 00
3,173	Maggie Smith	do	82	Thos. Smith <i>et al.</i> ..	La Have.....	15	160 00
3,142	Mary A.....	do	45	Albert Smith <i>et al.</i> ..	do	8	90 00
3,212	Dahlia	do	94	John Shankle <i>et al.</i> ..	do	15	160 00
3,831	Glide.....	do	16	J. W. Sperry <i>et al.</i> ..	do	5	32 00
3,131	City Queen.....	do	53	John Broom <i>et al.</i> ..	Mahone Bay...	10	106 00
5,642	Charlotte E. E.....	do	79	W. A. Colp <i>et al.</i> ..	do	16	158 00
5,644	Flora.....	do	41	A. Chisholm <i>et al.</i> ..	do	8	82 00
5,634	New England	do	58	Nathan Hiltz <i>et al.</i> ..	do	10	116 00
3,180	Friend	do	17	George A. Hubley....	do	4	34 00
3,833	Josephine W.....	do	59	Timothy Hebb <i>et al.</i>	Mahone Bay...	9	118 00
5,561	Boreas.....	do	41	E. & J. Hiltz	Indian Point...	9	82 00
3,475	Jessen.....	do	69	Aaron Hyson	Mahone Bay...	12	138 00
7,756	Hiawatha	Shelburne	66	Cornelius Hardy....	do	14	132 00
7,619	Milford Grey	Lunenburg.....	60	Henry Mader <i>et al.</i> ..	do	12	120 00
5,748	British Eagle.....	Halifax	44	Benj. Mason <i>et al.</i> ..	do	10	88 00
3,174	Ida May.....	Lunenburg	46	J. Smeltzer <i>et al.</i> ..	Mahone Bay...	10	92 00
5,650	Golden Arrow.....	do	27	Wil. A. Pickles.....	do	6	54 00
3,289	Debel.....	do	51	J. Smeltzer <i>et al.</i> ..	do	10	102 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Ch*
LUNENBURG COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounties Paid
							\$
57,688	River Dale	Lunenburg.....	48	Nat. Strum <i>et al.</i> ...	Mahone Bay...	8	96
85,333	Emperor	do	51	Reub. Venaud <i>et al.</i>	do	10	102
77,617	J. W. Russell.....	do	53	Benj. Westhaver....	do	10	106
83,139	Ocean Friend.....	do	78	Thos. Langille <i>et al.</i>	do	12	156
75,570	Olive Branch.....	do	14	John Church <i>et al.</i> ...	do	4	28
69,191	Quick Step.....	Halifax.....	25	Wm. C. Chandler....	do	5	50
69,187	Queen of the Fleet.	Lunenburg	46	N. W. Keddy <i>et al.</i> ...	Chester Basin.	10	92
74,080	J. A. Kirk.....	Halifax	16	Henry Hutt <i>et al.</i> ...	Tancook	3	32
77,609	Emma May	Lunenburg	20	Charles E. Nass.....	Chester	7	40
57,269	J. H. Hiltz	do	56	Levi Oxner	do	10	112
74,150	J. P. Corkum.....	do	16	Ed. Slauenwhite....	do	5	32
80,853	Fearnot	do	91	James Conrad.....	Park's Creek..	15	160
85,649	Cyrene.....	do	107	Isaac Corkum	La Have.....	15	160
75,779	John Millard.....	do	68	Amiel Corkum	do	12	136
69,179	Snow Queen	Halifax.....	55	Eleazear Corkum...	do	10	110
85,336	Alice	Lunenburg	116	James Ross	Bridgewater...	15	160
57,248	Adonis	do	48	Daniel Schrader....	La Have.....	12	96
80,825	Bridgewater	do	69	William Sarty.....	Pleasantville ..	10	120
83,178	Volant	do	41	Edward Weagle.....	Summerside ..	8	82
37,614	Armada.....	do	45	John Wentzel	Pleasantville ..	8	90
54,156	British Lady	Halifax.....	18	William Baker.....	Tancook Isl'nd	3	36
85,738	Emmot.....	Lunenburg	13	James F. Boutillier.	Bayswater.....	3	26
85,646	Maude	do	15	Amos Fleet <i>et al.</i> ...	Blandford.....	5	30
75,578	Wiley	do	13	James E. Morash....	West Dover....	5	26
37,532	Emerald.....	do	27	John D. Publicover ..	Blandford	8	54
80,826	Rosemay.....	do	74	Jacob B. Sarty <i>et al.</i>	La Have.....	12	148
75,580	Violet.....	do	59	David Smith <i>et al.</i> ...	Lunenburg. ...	13	118

PICTOU COUNTY.

75,888	Annie.....	Pictou.....	22	C. Dwyer	Pictou	3	44
38,510	Lily	do	18	Thomas Tanner.....	do	3	36
75,108	May Queen.....	Halifax.....	46	Duncan Fraser	Cariboo	4	92
75,882	Lord McDonald....	Pictou.....	15	Donald McDonald..	Pictou	3	30

QUEEN'S COUNTY.

61,838	Amazon	Port Medway ..	41	John Hutt	Port Medway..	13	82
54,297	Alberton	Halifax.....	29	do	do	10	58
75,782	Hattie, E.....	Port Medway ..	35	Henry Selig	Vogler's Cove ..	11	70
85,344	Donzella	Lunenburg.....	118	Adam Selig	do	20	160
83,383	James Ryan.....	Port Medway ..	48	Simeon Cohoon <i>et al.</i>	E. P't Medway ..	10	96
77,790	Percy Roy	do	48	Cohoon, Baker & Co	do	13	96
75,785	Village Belle.....	do	55	Samuel E. Teel.....	Vogler's Cove ..	15	110
80,838	Ocean Bride.....	Lunenburg	19	S. & E. Glatinburg.	do	6	36
77,787	Rescue	Port Medway ..	20	James Mann	do	7	40
83,306	I O. N. A.....	do	26	William Vogler ..	do	10	52
75,762	May Queen.....	Liverpool.....	17	E. E. Letson	Port Medway..	5	30
61,544	Emma Jane.....	Shelburne.....	15	John H. Smith <i>et al.</i>	Port Mouton....	3	30
66,722	C. Averett	Liverpool.....	19	Jas. H. Smith <i>et al.</i>	Brooklyn.....	8	36
75,778	Coronila	do	64	do	do	8	72
73,962	Willie B.....	do	39	James Buchanan ...	do	8	72
83,492	Dessie.....	do	11	Colin McLeod.....	do	3	24

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*QUEEN'S COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew	Amount of Bounty Paid.
489	J. W. Mullock.....	Lunenburg....	43	Enos McLeod <i>et al.</i> ...	Brooklyn.....	9	86 00
764	Kestrel.....	Liverpool.....	70	do do.....	do.....	14	140 00
767	J. C. Dakin.....	do.....	30	Anderson & Bill....	Liverpool.....	7	60 09
487	Avance.....	do.....	64	R. H. Gardner <i>et al.</i> ...	Brooklyn.....	15	128 00
917	Magenta.....	do.....	20	Samuel Dexter <i>et al.</i> ...	do.....	7	40 00
161	Eva L.....	Lunenburg....	55	Jeffry Publicover...	La Have.....	7	110 00
308	Ella.....	Port Medway..	10	Sylvanus Morton...	Liverpool.....	3	20 00
772	Zaide ^c	Liverpool.....	55	Jas. C. Inness <i>et al.</i> ...	do.....	11	110 00

RICHMOND COUNTY.

650	Adele.....	Sydney.....	18	Albert Poste.....	Jersey Island..	4	36 00
544	Alpha.....	Arichat.....	42	William Levisconte...	D'Escouse....	9	84 00
116	Fama.....	Halifax.....	44	do do.....	do.....	8	88 00
498	Appoline.....	Arichat.....	40	do do.....	do.....	8	80 00
521	Shooting Star.....	Arichat.....	32	Wm. Levisconte....	D'Escouse.....	9	64 00
512	Sea Slipper.....	Lunenburg....	41	Patient Poirier.....	do.....	10	82 00
435	Mary Stephens.....	Arichat.....	31	do.....	do.....	9	62 00
281	Renfrew.....	Halifax.....	41	Simon Poirier, <i>et al.</i> ...	do.....	9	82 00
459	Mary Ann.....	Arichat.....	29	Desiré Poirier.....	L'r D'Escouse..	8	58 00
902	Morning Star.....	Halifax.....	35	John Manger.....	do.....	9	70 00
058	Daisy.....	Arichat.....	34	Simon P. Richard....	Arichat.....	4	68 00
485	Ajax.....	do.....	40	John Boudrot.....	D'Escouse....	10	80 00
400	Mary.....	do.....	24	Henry Boudrot, sen	Poulamond....	9	48 00
294	Janette.....	Halifax.....	30	D. Gruchy & Son...	D'Escouse.....	8	60 00
082	Mary.....	Hawkesbury..	43	do do.....	do.....	11	86 00
996	Blue Bell.....	Arichat.....	25	do do.....	do.....	9	50 00
070	Lennox.....	do.....	46	do do.....	do.....	11	92 00
388	Nimble.....	Halifax.....	45	do do.....	do.....	9	90 00
616	Eliza Jane.....	Shelburne....	22	Alex. Vigneau.....	Arichat.....	3	44 00
134	Morning Star.....	Halifax.....	21	John Landry.....	Petit de Grat..	3	42 00
109	Chatham Head.....	Chatham, N.B	24	C Fougère, sen....	Poulamond....	9	48 00
713	Amelia M.....	Hawkesbury..	13	David Lavache.....	Arichat.....	3	26 00
075	Peggy.....	Arichat.....	15	Martin Sampson....	L'r D'Escouse..	4	30 00
462	The Partners.....	do.....	26	Thos. & A. Sampson	Riv. Bourgeois	7	52 00
109	Marcella Butler...	Halifax.....	38	Fabien Fougère....	do.....	8	76 00
414	Philomel.....	Arichat.....	26	M. Dugas, <i>et al.</i>	do.....	8	52 00
486	Julia.....	do.....	20	Louis Bourke, <i>et al.</i>	do.....	6	40 00
413	Morning Star.....	do.....	25	Amiable Potty.....	do.....	8	50 00
1972	John Vincin.....	Sydney.....	17	David Sampson.....	do.....	6	34 00
071	Lumen Diei.....	Arichat.....	17	Urbain Sampson....	do.....	6	34 00
480	Two Brothers.....	do.....	32	Simon Landry.....	do.....	8	64 00
067	Philomen D.....	do.....	22	Desiré Dugas, <i>et al.</i>	do.....	8	44 00
0843	Elizabeth.....	Halifax.....	30	Charles P. Martel...	do.....	7	60 00
515	Kate B.....	Arichat.....	35	Wm. Urquhart.....	do.....	9	70 00
483	Harvest Home.....	do.....	29	do do.....	do.....	8	58 00
481	G. H. B.....	do.....	36	Fred. W. Bissett...	Arichat.....	8	72 00
435	Elizabeth.....	do.....	17	D. Boucher, <i>et al.</i> ...	do.....	6	34 00
710	Hortense.....	Sydney.....	12	C. Monberquette....	L'Ardoise.....	3	24 00
523	Victoria.....	Arichat.....	24	Peter Burke.....	French Cove...	6	48 00
521	Annie Laurie.....	do.....	44	J. Morrison, W.W.	do.....	9	88 00
574	Commodore.....	Halifax.....	41	W. E. Morrison.....	do.....	8	82 00
066	Mary L.....	Arichat.....	18	Peter Landry, sen	French Cove...	6	36 00
454	Good Templar.....	Halifax.....	22	Henry Cook.....	L'Ardoise.....	7	44 00
401	E. M. McDonald....	do.....	14	M. A. McDonald....	Framboise....	4	28 00
925	Euxine.....	Arichat.....	38	D. N. Shaw.....	L'Ardoise.....	8	76 00
190	Emma.....	do.....	46	Joseph Matheson...	do.....	10	92 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*
 RICHMOND COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ ct
83,088	Sisters	Chatham, N.B.	13	John Walker.....	R. Inhabitants	3	26 0
83,690	Good Intent.....	Pt. Hawkesb'y	22	George W. Walker.	do ...	3	44 0
61,630	Susan	do	15	Murdoch Hureau...	do	2	30 0
36,340	Olive J.....	Halifax.....	57	Peter Malcolm....	Cariboo Cove.	13	114 0
38,477	Lord Lyons.....	do	51	Robert Proctor	R. Inhabitants	6	102 0
38,522	Elizabeth	Arichat	18	John Burke, <i>et al.</i> ...	Riv. Bourgeois	7	36 0
38,501	Mary.....	do	23	Isiah Boudrot, <i>et al</i>	do	8	46 0
54,139	B. Wier & Co.....	do	19	Abram Fougère....	do	7	38 0
38,439	Ocean Belle.....	Halifax.....	20	Michael Boudrot....	do	7	40 0
61,990	Catherine.....	Arichat	20	Désiré Bourque, <i>et al</i>	do	7	40 0
72,061	Union	Halifax.....	20	Felix Burke	do	7	40 0
72,048	O. P. M.	Arichat	22	Désiré Burke	do	7	44 0
72,047	Neptune	do	26	Charles Boudrot....	do	7	52 0
72,047	Mary Moulton....	do	26	A. Fougère, <i>et al.</i> ...	do	8	52 0
72,516	Lady of the Lake	do	26	C. Dugas, <i>et al.</i>	do	7	52 0
72,072	Lady Fougère....	do	11	Docite Fougère....	do	4	22 0
38,326	Harriet.....	do	26	Charles Boudrot....	Arichat West.	3	52 0

SHELBURNE COUNTY.

83,043	Ella A. Downie....	Shelburne	73	Johnson & Churchill	Lockeport.....	14	146 0
75,623	Grace Greenwood..	do	88	do	do	12	160 0
74,368	Maggie Roach.....	do	44	do	do	10	88 0
61,589	Creolian	do	94	do	do	16	160 0
77,761	Knight Templar..	do	90	do	do	17	160 0
74,366	Bel Brandon	do	99	do	do	14	160 0
75,615	Lydia Robertson..	do	53	do	do	13	106 0
85,479	Alina	do	91	Churchill & Locke.	do	18	160 0
77,749	Orange Grove	do	82	do	do	18	160 0
77,761	Flora Dell	do	62	do	do	15	124 0
75,628	Rover.....	do	101	Jon. & Enos Locke.	do	19	160 0
61,581	Augusta Smith ..	do	84	do	do	15	160 0
83,054	Ardella.....	do	93	do	do	17	160 0
83,046	Millie B.	do	88	C. Locke & Co.....	do	16	160 0
85,483	Sarah H. Seeton....	do	95	do	do	15	160 0
61,592	J. C. Williams....	do	29	Sam. Locke & Sons	do	9	58 0
77,748	Win fred.....	do	84	do	do	15	160 0
75,624	Divina	do	53	Austin Locke.....	do	12	106 0
77,759	Thomas Robertson.	do	66	do	do	16	132 0
83,047	Festina Lente	do	80	do	do	15	160 0
61,594	Keewatin.....	do	96	do	do	16	160 0
75,617	Albert	do	46	do	do	13	92 0
61,586	Cepola.....	do	100	do	do	16	160 0
83,060	Nellie Morrow ..	do	88	Jacob Locke.....	do	16	160 0
83,052	Nautilus	do	11	do	do	6	22 0
75,620	Cordelia	do	14	do	do	7	28 0
74,337	May.....	do	27	Fredk. D. Locke....	do	8	54 0
85,478	Glenora.....	do	25	Samuel Locke <i>et al.</i>	do	13	150 0
54,114	Lone Star.....	Halifax.....	79	Jas. Hardy & Bros	do	9	58 0
83,045	Willie Freeman....	Shelburne	104	S. Freeman & Co...	Jordan River .	22	160 0
85,482	Angola	Liverpool	94	do	do	10	160 0
61,516	Dunkeith.....	Shelburne	59	Sutcliffe Decker...	Jordan Bay ...	13	118 0
61,916	Only Son.....	Liverpool	16	Stronach Decker <i>et al</i>	Ragged Island	6	32 0
77,770	Gowan Gem.....	Shelburne	29	Daniel Swim	Little Harbor..	9	58 0
85,480	M. & A. Morrison..	do	88	Donald Morrison....	Jordan Bay....	18	160 0
85,481	Beulah	do	107	R. W. Freeman.....	do	16	160 0
73,967	Katie	Liverpool.....	14	Daniel Cronan.....	Lockeport	4	28 0

DETAILED STATEMENT of Fishing Bounties paid to Vessels, etc.—Nova Scotia—*Con.*
SHELBURNE COUNTY—*Continued.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of owner or Managing owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
744	Whip-poor-Will.....	Shelburne	15	Alfred Harding.....	Ragged Island	6	30 00
051	Keelsea.....	do	31	John B. Harding.....	do	7	62 00
365	Nova Stella.....	do	53	Wm Lloyd, jun.....	Lockeport.....	12	106 00
746	Magellan Cloud	do	89	John H. Thorburn..	Jordan Bay....	16	160 00
983	Anna Bella.....	Halifax	22	O. W. Hopkins <i>et al</i>	Barrington	6	44 00
603	Eldon C.....	Barrington.....	26	John E. Hopkins....	do	7	52 00
367	Stella.....	do	30	J. C. Crowell <i>et al</i> ..	do	7	60 00
905	Champion.....	Liverpool.....	14	Frank Hopkins <i>et al</i>	do	6	28 00
559	Surprise.....	Barrington	12	Nathan C. Hopkins..	do	4	24 00
032	Arthur	Yarmouth.....	21	T. D. Crowell <i>et al</i> ..	Shag Harbor...	11	42 00
831	Minnie Currie	Barrington.....	60	E. Crowell <i>et al</i>	Cape Sable I'd	15	120 00
550	Martine	do	11	Andrew Crowell....	Wood's Harb'r	3	22 00
336	Lightfoot.....	do	16	Wm. Swaine	Bear Point.....	8	32 00
558	Emma B.....	do	93	Peter C. Swim <i>et al</i>	do	20	160 00
051	Kate McKinnon.....	do	73	Randall McKinnon...	Cape Sable I'd	18	146 00
053	Peerless	do	57	J. C. Cunningham..	Barrington	13	114 00
263	J. Fraser	Lunenburg.....	39	do	do	11	78 00
438	Highlander.....	Shelburne.....	32	A. M. Wrayton	Emerald Isle..	5	64 00
167	Azoff.....	Yarmouth.....	37	Henry Atwood.....	Bear Point.....	11	74 00
133	Pioneer	do	92	Peter Kenny.....	Cape Isle.....	18	160 00
699	J. W. Kenney	do	52	Alf. Kenney <i>et al</i> ...	Barrington.....	15	104 00
830	Oregon.....	Shelburne.....	20	S. L. Banks.....	do	3	40 00
618	May Queen.....	Barrington	34	John N. Banks.....	do	4	68 00
552	Hannah Eldridge...	do	57	Nehemiah McGray..	do	14	114 00
661	Cape Sable.....	do	90	do	do	18	160 00
	Jackdaw	do	15	John Lyons	do	3	30 00
543	Ood Seeker.....	Barrington.....	29	Nehm Banks <i>et al</i> ...	Barrington.....	8	58 00
572	John Halifax	Shelburne.....	63	Orlando Taylor.....	Port La Tour..	13	126 00
333	Freddie M. Reynolds	Barrington	34	Cornelius Snow.....	do	10	58 00
806	Ann Hiltz.....	Liverpool.....	16	Har. D. Smith <i>et al</i>	Port La Tour..	4	32 00
523	Snow Drop	do	29	James Snow.....	do	7	58 00
592	Mina Belle.....	Shelburne.....	42	do	do	10	84 00
528	Lilian.....	do	40	Edward Crowell....	do	7	80 00
826	Lily of Clyde.....	do	61	Geo. T. Hagar <i>et al</i>	N. E. Harbor..	12	122 00
339	Joe Howe.....	Barrington	12	Christian Nelson...	Port Clyde.....	3	24 00
054	Laura E. Douglas..	do	39	James D. Coffin....	Clyde.....	8	78 00
562	Oresa.....	do	14	Edward E. McLean..	Port Saxon....	5	28 00
484	Melioree.....	Shelburne.....	100	Geo. J. Thorburne..	Shelburne.....	12	160 00
615	Angus Grant.....	do	70	B. P. Thorburne....	do	13	140 00
476	Fleetwing.....	do	11	L. T. Hammond <i>et al</i>	Jordan Bay....	4	22 00
477	Myrtle	do	91	Joseph McGill <i>et al</i>	Shelburne.....	15	160 00
050	Belmont.....	do	53	do	do	9	106 00
762	Bridget Ann.....	do	52	John Purney	do	12	104 00
566	John Purney	do	66	do	do	15	132 00
626	Sylph.....	do	76	R. H. Bohnan.....	do	12	152 00
048	Clifford.....	do	88	J. A. McGowan, jun	do	18	160 00
758	Bride.....	do	78	do <i>et al</i>	do	13	156 00

VICTORIA COUNTY.

917	Mary Jane	Charlottetown					
		P. E. I.	56	H. A. McLeod.....	New Haven....	9	112 00
617	Eva May	Guysboro'	29	Norman McLeod....	St. Peter's.....	5	58 00
976	Shaughran	Liverpool	42	Abraham Harris....	Ingonish.....	7	84 00
169	Flying Mist.....	Digby	18	H. F. Baker.....	do	4	36 00
844	May Flower	Halifax	15	William Carey.....	New Campbell-		
					ton	5	30 00
052	Lightfoot.....	Barrington....	56	William Hawley....	Ingonish.....	7	112 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—*Con.*
VICTORIA COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
36,264	Express	Halifax	16	Richard Palmer.....	Tête du Hibon	4	32 00
77,858	Sambo	Sydney	14	John G. Morrison....	.....	3	28 00
61,840	Pigeon	Yarmouth	33	Hatfield, Kinney & C	Yarmouth	12	66 00
51,999	Azora	do	54	do	do	18	108 00
61,587	Lucretia Jane.....	do	88	do	do	13	160 00
80,629	Winnie L.....	do	100	do	do	15	169 00
71,010	Mariner's Guide....	do	35	do	do	13	70 00
74,334	J. M. Manning.....	do	56	do	do	16	112 00
61,788	Lynx	do	59	do	do	18	118 00
80,782	Titania	do	52	do	do	19	104 00
74,335	Safe	do	35	do	do	13	70 00
50,591	Water Lily.....	do	71	do	do	18	142 00
74,330	Nokomis	do	67	do	do	14	134 00
83,053	Kathleen	Shelburne	117	do	do	16	160 00
80,648	Maria	Yarmouth	109	do	do	17	160 60
80,628	Roseneath.....	do	110	Byron Hines.....	Pubnico	17	160 00
75,749	Vivia	do	43	Parker, Eakins & Co	Yarmouth	14	86 00
75,721	Angeline	do	67	do	do	14	134 00
75,720	Florence B. Parr...	do	90	do	do	15	160 00
74,320	Brenton	do	70	do	do	12	140 00
75,733	Alfred	do	46	do	do	12	92 00
75,867	Ida Peters.....	St. John, N.B.	32	do	do	7	64 00
80,645	Opal	Yarmouth	97	do	do	16	160 00
71,031	Sarah Jane Killam.	do	51	A. F. Stoneman & Co	do	18	102 00
57,134	Margaret Elizabeth	do	45	do	do	17	90 00
69,217	Chlorus	do	57	do	do	12	114 00
63,685	Wide Awake	do	77	do	do	13	154 00
74,325	Laura Gertrude....	do	47	do	do	11	94 00
61,790	Twilight	do	58	do	do	12	116 00
80,644	Beatrice.....	do	100	do	do	16	160 00
51,978	Pandora	do	57	do	do	17	114 00
75,754	E. L. Perkins.....	do	46	do	do	10	92 00
51,962	Jane Porter.....	do	38	do	do	5	76 00
61,921	W. E. Wier.....	do	41	do	do	15	82 00

YARMOUTH COUNTY.

54,136	Ida May	Yarmouth	70	Wm. Ryder.....	Argyle.....	11	140 00
85,536	Circassian.....	do	115	do <i>et al</i>	do	14	160 00
38,096	Flying Fish	do	13	Israel Thompson...	Yarmouth	2	26 00
61,827	Gipsy	do	11	W. A. Powell <i>et al</i> .	do	3	22 00
57,103	West Point.....	do	38	H. & N. B. Lewis...	do	12	76 00
80,642	Harry Lewis.....	do	111	do	do	16	160 00
74,339	Maitland.....	do	44	do	do	14	88 00
52,029	British Eagle.....	do	64	James M. Davis.....	.....	14	128 00
77,723	Maggie Blanche...	do	45	Reuben Gayton.....	Argyle.....	7	90 00
74,301	Minniehaha	do	12	Michael Carroll.....	do	6	24 00
85,537	Sisters	do	16	Robert Crowell.....	Yarmouth	3	32 00
75,625	Banneret	Shelburne	54	Reub. Goodwin <i>et al</i>	Pubnico	16	108 00
80,605	Coral Leaf	Yarmouth	71	G. B. Goodwin <i>et al</i>	do	18	142 00
57,131	Forest Flower	do	26	H. Goodwin <i>et al</i> ...	do	13	52 00
74,370	Village Belle	Shelburne.....	40	Jas. Lennox <i>et al</i> ...	do	16	80 00
74,122	Temple Bar.....	Port Medway ..	44	Amb. D'Eon <i>et al</i> ...	do	15	88 00
71,028	Babarone	Yarmouth	93	Peter D'Eon <i>et al</i> ...	do	16	160 00
61,553	Vidette	Shelburne	58	Peter T. D'Eon <i>et al</i>	W. Pubnico....	17	116 00
74,332	Proditor	Yarmouth	54	Zach. D'Eon <i>et al</i> ...	do	18	108 00
66,682	Brisk	do	67	Léon D'Eon <i>et al</i> ...	Pubnico	14	134 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*
YARMOUTH COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
6,679	Diploma.....	Yarmouth.....	64	Louis D'Eon <i>et al.</i> ...	Pubnico.....	18	\$ cts. 128 00
4,319	Merino.....	do.....	46	R. Amiro <i>et al.</i>	do.....	16	92 00
1,034	Vanguard.....	do.....	47	Charles V. Amiro.....	do.....	15	94 00
0,647	Annie M. Bell.....	do.....	64	Aug. A. Amiro <i>et al.</i> ...	do.....	17	128 00
7,132	Serene.....	do.....	54	James Amiro.....	do.....	18	108 00
0,641	Jonathan.....	do.....	68	David L. Amiro <i>et al.</i> ...	do.....	18	136 00
6,990	A la Mode.....	Lunenburg....	32	Marc A. Amiro.....	do.....	13	64 00
3,811	Electric Flash.....	Halifax.....	53	David D'Entremont.....	do.....	18	106 00
7,150	Salvador.....	Yarmouth.....	53	Mat. D'Entremont <i>et al.</i>	do.....	17	106 00
4,323	Regina.....	do.....	57	A. C. D'Entremont.....	do.....	17	114 00
1,579	Will-o'-the-Wisp....	do.....	41	J. D'Entremont <i>et al.</i> ...	do.....	16	82 00
6,681	B. K. Kelly.....	do.....	28	R. D'Entremont <i>et al.</i> ...	W. Pubnico....	13	56 00
6,683	Ballarose.....	do.....	40	L. A. D'Entremont.....	do.....	12	80 00
5,748	Anna McGee.....	do.....	58	J. B. J. D'Entremont <i>et al.</i>	do.....	16	116 00
1,030	Arizona.....	do.....	85	S. D. D'Entremont <i>et al.</i>	do.....	14	160 00
1,972	Lydia Ryder.....	do.....	57	A. L. D'Entremont <i>et al.</i>	do.....	18	114 00
1,007	Alfrata.....	do.....	48	C. T. D'Entremont <i>et al.</i>	do.....	17	96 00
1,510	Mansimable.....	Shelburne....	50	I. D'Entremont <i>et al.</i> ...	do.....	17	100 00
1,595	Anna Louisa.....	do.....	40	L. P. D'Entremont <i>et al.</i>	do.....	18	80 00
1,033	Sabra Killam.....	Yarmouth.....	56	G. D. D'Entremont <i>et al.</i>	do.....	12	112 00
0,627	Annie D.....	do.....	71	do do.....	do.....	15	142 00
6,710	Pleiades.....	do.....	38	do do.....	do.....	10	76 00
7,010	Nancy Anna.....	do.....	35	P. D. Surette <i>et al.</i> ...	Pubnico.....	16	70 00
2,000	J. and J. Locke.....	do.....	55	do do.....	do.....	12	110 00
1,037	River Rose.....	do.....	53	Benj. Leblanc <i>et al.</i> ...	Tusket Wedge..	18	106 00
0,646	Emma S.....	do.....	102	do do.....	do.....	21	160 00
5,535	Sigefroi.....	do.....	40	J. H. Porter & Co. <i>et al.</i>	do.....	13	80 00
0,632	Lumen.....	do.....	30	do do.....	do.....	10	60 00
0,614	Louise.....	do.....	85	do do.....	do.....	21	160 00
7,101	Young Scotland....	do.....	47	do do.....	do.....	14	94 00
1,005	Kelso.....	do.....	111	do do.....	do.....	16	160 00
5,724	Sea Foam.....	do.....	75	do do.....	do.....	14	150 00
6,675	Olika.....	do.....	53	do do.....	do.....	16	106 00
0,643	Hazel Dell.....	do.....	87	S. L. Oliver & Co....	do.....	14	160 00
1,035	Precursor.....	do.....	46	G. D. D'Entremont <i>et al.</i>	do.....	17	92 00
Totals..			31,176	6,238	55,544 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

PROVINCE OF NEW BRUNSWICK.
CHARLOTTE COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bount Paid.
59,397	Helen C. Young....	St. Andrews...	21	J. E. & T.W. Stuart	Deer Island....	8	\$ 42
59,326	Maude Holmes	do	21	Wallace Stuart <i>et al</i>	do	7	42
35,338	Caroline	do	18	Jas. M. Lord <i>et al</i> ...	do	5	36
59,388	Letitia	do	10	Alfred Johnson.....	do	4	20
79,963	Freeman Colgate....	do	26	A. and G. English....	do	7	52
59,311	Blooming Rose	do	19	Aaron Cook.....	do	5	38
83,472	Linden.....	do	12	Benjamin Parker ...	do	2	24
51,734	Lavina.....	do	13	Luther Mathews.....	Latête	5	26
83,475	Jennie	do	11	Lincoln Richardson...	Deer Island....	3	22
83,474	Letter B.....	do	12	David Kelly.....	Latête	3	24
59,377	Xantho.....	do	23	L. B. Mitchell	St. Patrick	4	46
59,395	Little Minnie.....	do	11	George Douglas	Latête	3	22
77,961	Medora	do	23	R. Rose & W. Clark	St. Andrews...	7	46
80,882	Ella Mabel.....	do	14	do do	do	4	28
83,462	Beauty.....	do	26	do do	do	5	52
83,476	Mabel.....	do	11	do do	do	3	22
83,478	Argyle.....	do	10	do do	do	4	20
80,883	Ocean Queen.....	do	21	do do	do	6	42
80,034	Mabel	do	12	A. Lamb & J. Watson	do	4	24
77,969	Wave Queen	do	11	William McMahon...	do	5	22
59,373	E. M. Oliver	do	14	Jas. & W. J. Oliver	do	6	28
59,387	Telephone	do	19	Joseph McGee.....	do	6	38
59,342	Lizzie S. McGee....	do	14	Andrew McGee.....	Back Bay.....	5	28
51,748	Frank L. Dixon	do	18	E. & G. Grearson....	Maccan.....	2	36
59,399	Leona	do	12	J. A. Wentworth....	Latête	3	24
80,881	Lena May	do	18	Edward Mathews....	do	7	36
59,383	Pilgrim's Progress..	do	11	John & Jos. Holmes	do	5	22
83,464	Little Annie.....	do	19	Jacob Cook	do	7	38
83,463	Havelock.....	do	33	William James	Campobello....	4	66
77,967	Naomi	do	14	do	do	3	28
77,965	Lydia B.	do	12	W. & J. M. Calder.	do	4	24
35,348	Helen	do	18	William Akers.....	do	4	36
59,322	Sea Flower.....	do	11	George Mulholland	do	4	22
38,141	Liberal	St. John	26	John Mitchell <i>et al</i> .	do	5	52
59,321	Little Nell.....	St. Andrews...	21	Wm. McLellan, jun	do	5	42
59,346	A. J. Malloch	do	21	Isaac Malloch.....	do	5	32
75,594	Lizzie G.....	Digby, N.S.....	16	George Scofield....	Grand Manan.	3	58
42,096	Ada.....	do	29	Wm. B. Guptill....	do	3	20
59,364	Alice	St. Andrews...	10	Harrington Guptill	do	3	36
51,966	Friendly	Digby, N.S.....	18	Henry Burnham.....	do	5	22
35,393	Flash	St. Andrews...	11	Isaac Newton.....	do	3	20
80,002	John A. Ruddock..	St. John	10	John R. Moses.....	do	3	54
59,334	Rival	St. Andrews...	27	E. A. Calder	do	10	72
83,470	Gazelle	do	36	Frederick Cronk....	do	3	26
59,365	Union	do	13	W. J. & Geo. Morse	do	5	32
75,591	Rise and Go.....	Digby, N.S.....	16	William Sirils	do	4	26
59,375	Cadet	St. Andrews...	13	Charles Savage <i>et al</i>	do	4	40
64,029	Norman B	Digby, N.S.....	20	Paul Enas.....	Wilson Beach.	3	30
83,468	Village Belle.....	St. Andrews...	15	John M. Wilson	Campobello....	3	28
75,599	Blue Jay	Digby, N.S.....	14	John Phinney.....	do	3	26
59,357	Silver Bell.....	St. Andrews...	13	Alex. Malloch.....	do	3	32
38,109	Mary	Yarmouth, N.S.	16	James Thompson ...	Black's Harbor	3	40
59,319	Brisk	St. Andrews...	20	Alf. & Ed. Wadlin.	Beaver Harbor	4	36
80,803	Exenia.....	Windsor, N.S.	18	W. F. Parker <i>et al</i> .	do	4	26
59,329	Rebecca.....	St. Andrews...	13	Milton Eldridge <i>et al</i>	do	3	34
52,065	Adelia	Windsor, N.S.	17	Elias Wright <i>et al</i> ..	do	3	20
59,394	Hattie	St. Andrews...	10	Charles Harkins....	Dipper Harbor	3	20

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—New Brunswick—*Con.*

CHARLOTTE COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence	No. of Crew.	Amount of Bounty Paid.
125	Mount Whatley.....	St. John.....	28	Hugh Belmore....	Dipper Harbor	4	\$ cts.
968	Empress	St. Andrews...	14	Michael Caffary....	do ..	3	56 00
043	Lily	Digby, N.S.....	19	Wm. & A. Cassidy.	New River.....	7	28 00
011	Bee	do	12	Robert Shaw, sen...	Lepreaux	5	38 00
174	Pilot	St. John	12	William Cline.	Deer Island....	2	24 00
888	B. R. Stevenson ...	St. Andrew's...	17	J. W. Appleby.....	do	5	24 00
966	Polly	do	11	George Ray	do	4	34 00
469	Austin P.	do	12	Lincoln Richardson	do	4	22 00
393	Fannie	do	13	George Leonards...	do	5	24 00
419	Nautilus.....	do	19	Henry C. Harris...	Bear River, N.S.	4	26 00
350	Sarah	do	19	Thomas Barry	St. George.....	3	38 00
400	Foam Belle	do	10	Thomas Ellsworth.	Sealley's Cove	3	38 00
461	Josie L. Day.....	do	16	Peter Dixon	Grand Manan...	3	20 00
260	Genuine.....	Yarmouth, N.S.	27	George Leonard....	Deer Island....	7	32 00
							54 00

GLOUCESTER COUNTY.

442	Marie Cecile.....	Chatham.....	15	Oliver Duguay.....	Lameque	3	30 00
445	Flavie	do	13	Théophile Duguay..	do	3	26 00
447	Merida	do	13	André Hache	do	4	26 00
446	Esperance.....	do	10	Wm. Fruing & Co.	Shippegan.....	3	20 00
479	Betsey	do	13	Cyrenus Gionet	do	3	26 00
31	Bee	do	11	Paul Noel	Lameque	3	22 00
01	Sara	do	11	Nazaire Noel.....	do	3	22 00
49	Adelina	do	12	Auguste Poulin....	do	5	24 00
00	Marie	do	12	Onesime Chiasson..	do	2	24 00
37	Flying Fish	do	11	Lévi Chiasson.....	do	3	22 00
20	Sophia	do	25	Ubalde Landry.....	Grand Anse....	3	50 00
02	Jean	do	13	Dominique Gallien.	Caraget.....	3	26 00
92	Mary	do	11	Joseph Gionet.....	do	4	22 00
06	Reward.....	do	11	Alex. Rive & Co....	do	4	22 00
09	Bellemont.....	do	13	Angus McLean	do	2	26 00
94	Arrow	do	14	Timothy Daley <i>et al</i>	Bathurst	4	28 00
95	Egypt	do	14	J. H. Mann	do	3	28 00
32	Alice	do	11	Moses Dignard.	Tracadie.....	3	22 00
32	Marie C. Josephine.	do	13	Laurent Metayer....	do	2	26 00

KENT COUNTY

67	Ino	Charlottetown,					
		P. E. I.	18	James W. Forster...	Richibucto.....	3	36 00
52	Peter Mitchell.....	Chatham	26	do	do	5	52 00
3	Finn	Richibucto.....	11	Philip Funnigan....	do	4	22 00
4	Industry	Chatham.....	17	John Curwin	do	4	34 00
2	Favorite	do	20	Thos. McNeil, sen...	do	2	40 00
7	Merit	do	18	Edward Mundy	do	2	36 00
8	Wab	do	13	Jude Robicheau....	do	3	26 00
8	Sea Mouse.....	Richibucto....	10	John Doucette.....	Kingston.....	4	20 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—*Con*
NORTHUMBERLAND COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ ct
72,091	White Wing.....	Chatham.....	20	T. B. Williston.....	Bay du Vin....	6	40 0
66,724	Nettie Cole.....	Liverpool, N.S.	14	A. & J. Adams.....	.....	3	28 0

RESTIGOUCHE COUNTY.

85,693	May Ellen.....	Chatham.....	12	Edward Doyle.....	Restigouche...	2	24 0
80,950	Jessie.....	do.....	14	Simon McGregor...	Charlo.....	3	28 0

ST. JOHN COUNTY.

69,148	Minnie	St. John.....	24	Issac R. Noble.....	St. John.....	4	48 0
79,993	Humming Bird.....	do	18	do	do	3	36 0
69,353	Civilian	St. Andrews ..	24	do	do	4	48 0
52,159	Mary E.	St. John.....	21	Fred. Buchanan...	Carleton.....	4	42 0
66,926	Emma	do	13	D. & J. Thompson.	Chance Harb'r	5	25 0
35,331	Victory	St. Andrews..	16	Frank Campbell...	Dipper Harbor	4	52 0
74,308	Bald Eagle	Yarmouth, N.S.	14	James Wilson...	Portland.....	4	28 0
42,087	Two Sisters	Digby, N.S....	14	Thos. Wilson <i>et al.</i>	Pisarinco.....	4	28 0
72,192	Ada	St. John.....	19	R. McLaren <i>et al.</i> ...	St. John.....	4	38 0
59,370	Sparkling Billow...	St. Andrews..	25	James. W. Belyea..	do	5	50 0
72,272	Bertha	St. John.....	15	Johanna McDevitt	Carleton.....	3	30 0
57,171	Anna Bell.....	St. Andrews ..	19	Henry Alston <i>et al.</i>	Pisarinco.....	4	38 0
57,181	Hattie	Windsor, N.S.	13	H. B. Cunningham.	do	3	28 0
79,977	Amanda Green....	St. John.....	15	Samuel Hutton....	Carleton.....	5	30 0
59,313	U. S. Grant.....	Yarmouth, N.S.	32	Robt. & J. Hutton..	St. John.....	5	64 0
80,093	Anna K.	St. John.....	14	William Spence....	Portland.....	3	28 0
85,961	Ella	do	13	J. & G. Silliphant.	do	2	26 0
72,321	Widgeon.....	do	10	William Hodd, sen.	St. John.....	2	20 0
85,503	George P. Taylor...	do	14	Elijah S. Toole <i>et al.</i>	Carleton.....	3	28 0
75,901	Kate Wilson.....	Dorchester....	85	George R. Ellis	St. John.....	*1	88 0
83,426	Louisa	St. John.....	16	George L. Young ..	St. George.....	†1	19 0
59,156	Tom	do	14	Peter & Jas. Boyle.	Musquash.....	5	28 0
85,972	Dove	do	11	Samuel G. McGuire	Pisarinco, W..	5	22 0
88,253	E. B. Colwell.....	do	19	Alward N. Harned.	Carleton.....	3	38 0
	Totals ..	.....	2107	.....	.....	496	4,119 0

*Balance of crew (9) belonged to Newfoundland and not paid a bounty. †Balance of crew (4) not fish the three months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

PRINCE EDWARD ISLAND.

KINGS COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
0,915	Lily Bank.....	Charlottetown	16	Amos Landry <i>et al.</i>	Montague.....	5	32 00
0,937	Montague.....	do	16	Charles Hayden....	do	4	32 00
5,481	Julia Ward.....	do	39	William Herring....	Murray Harbor	5	78 00
6,242	Amorette.....	do	18	Peter Roberts.....	do	3	36 00
4,009	Pocahontas.....	do	45	Daniel Gordon.....	Georgetown....	*2	51 92
0,934	Harriet Torry.....	do	59	James McBride.....	.....	†1	63 22

PRINCE COUNTY.

1,302	Alice	Richibucto, N.B.	10	Wm. Wagner <i>et al.</i>	Tignish.....	7	20 00
5,489	Reality.....	Charlottetown	39	A. J. McFadyen <i>et al.</i>	do	3	78 00
5,528	Mary Ellen.....	Pictou, N.S....	22	Ira Hurst... ..	Summerside ..	2	44 00
1,494	May Queen	Charlottetown	11	Joseph Palmer.....	Lot 10	4	22 00
1,426	Marianne.....	Chatham, N.B.	14	John Coughlan ...	Campbellton ..	5	28 00
8,048	Jennie May.....	do	19	Donald Handrahan	Alberton	4	38 00
10,940	Western Light.....	Charlottetown	49	John A. Matheson.	Campbellton ..	4	98 00
13,348	Carrier Dove.....	St. Andrews, N.B.	45	M. McLeod, <i>et al.</i> ...	Summerside ...	6	90 00

QUEEN'S COUNTY.

13,226	Mary Queen.....	Charlottetown	22	G. D. Congworth...	Charlottetown	4	44 00
18,722	Onward.....	do	26	William Carpenter.	Rustico.....	7	52 00
	Totals.....		450			66	807 14

* Balance of crew (11) did not fish three months. † Balance of crew (13) did not fish three months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

PROVINCE OF QUEBEC.

GASPÉ COUNTY.

Official Number	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
73,022	Lédée Adele.....	Amherst, M.I..	50	Naz. Jomphe <i>et al.</i> ...	House Harbor.	8	100 00
77,604	E. D. Myra.....	Lunenburg, NS	43	F. H. Delaney <i>et al.</i> ...	do ...	9	86 00
73,491	Mary Jane.....	Amherst, M.I..	47	Jean Arseneau <i>et al.</i> ...	Magdalen Isl's	7	94 00
55,642	Delaney.....	do ...	44	Camille Delaney....	House Harbor.	8	88 00
73,025	Marie Euphrosyne..	do ...	39	Nectaire Arseneau..	do ...	7	78 00
73,495	Canadienne	do ...	53	do <i>et al.</i> ...	do ...	8	106 00
73,492	Thirza	do ...	14	J. Nelson Arseneau	do ...	3	28 06
54,082	Pheasant	do ...	31	do ...	do ...	6	62 00
77,612	Gold Hunter.....	do ...	41	do <i>et al.</i> ...	do ...	8	82 00
80,929	J. N. A.....	do ...	63	do do	do ...	10	126 00
55,644	Lion	do ...	42	Vital Richard <i>et al.</i>	do ...	6	84 00
73,027	Una	do ...	41	P. Turbide <i>et al.</i>	do ...	7	82 00
75,587	Mary Ann Bell.....	Lunenburg, NS	32	V. Theriault <i>et al.</i> ...	do ...	9	64 00
73,024	Marie Enesie.....	Amherst, M.I..	47	Wm. G. Leslie.....	do ...	6	94 00
73,021	Marie Annie.	do ...	46	Wm. Terrieau <i>et al.</i> ...	do ...	7	92 00
73,029	F. P. T.	do ...	41	P. Turbide <i>et al.</i>	do ...	9	82 00
75,814	East Lynn.....	Halifax, N.S...	35	Isaac E. Arseneau..	do ...	10	70 00
74,177	Dauntless.....	Charlottetown P. E. I.....	12	Gilbert Cormier	Aubert, M.I....	2	24 00
38,351	Nancy	Arichat, N.S...	16	Thadee Cormier....	do ...	5	32 00
42,800	Cutter	Amherst, M.I..	27	Lucien Cormier.....	do ...	3	54 00
73,494	Marie Dolorosa	do ...	44	André Devaux	do ...	8	88 00
71,357	Emma Gidney.....	Halifax, N.S...	47	Damien Devaux.....	do ...	8	94 00
73,493	Marie Joseph.....	Amherst, M.I..	55	David Lapierre.....	Basin, M.I.....	6	110 00
85,391	Esperance	do ...	30	Celestin Boudreau..	Aubert, M.I....	7	60 00
69,383	Speedwell	Gaspé.....	34	Simeon Mabe <i>et al.</i> ...	Malbaie.....	3	68 00
33,622	Admiration.....	do ...	60	Joseph Tripp.....	S.-W. Arm ...	16	120 00
64,856	Cora May.	Magdalen Isl's	42	Jean N. Arseneau..	House Harbor.	8	84 00

SAGUENAY COUNTY.

73,026	Ste. Anne.....	Amherst, M.I..	20	Narcisse Harvé <i>et al.</i>	Betchouan	5	40 00
69,382	Marie du Sacré-Cœur	Gaspé.....	46	Onésime Turbie....	Pt. Esquimaux	9	92 00
77,865	Gorilla.....	Quebec	41	V. Boudreau & Frère	do ...	9	82 01
77,616	McK	Lunenburg, NS	39	Julien Boudreau ...	do ...	9	78 00
80,754	Eugenie	Quebec	48	Amadee Vigneau ...	do ...	8	96 00
37,691	Triomphe.....	Lunenburg, NS	22	N. Cormier & Frère	do ...	8	44 00
59,909	Elizabeth.....	Quebec	27	Luc Cormier.....	do ...	6	54 00
42,434	Marguerite	Gaspé	27	Jean Cormier <i>et al.</i> ...	do ...	7	54 00
42,436	Amelia	do	50	Paul Cormier	do ...	9	100 00
74,092	I. M. G. Campbell.	Halifax, N.S...	15	Xavier Arseneau....	do ...	5	30 00
69,380	Marie Anne.....	Gaspé	36	Dominique Landry..	do ...	8	72 00
77,866	Pioneer	Quebec	39	Charles Lebrun.....	do ...	10	78 00
61,966	D. Cronan.....	Halifax, N.S...	40	Peter LeMarquand..	do ...	7	80 00
83,370	C. M. G. P.....	Quebec	46	Geo. Picard & Fils.	do ...	10	92 00
75,679	Gleaner.....	do	40	Benjamin Landry...	do ...	8	80 00
75,445	Phœnix.....	Gaspé.....	28	Vigneau & Frère....	do ...	8	56 00
75,680	Sea Star.....	Quebec	52	Jude Poirier <i>et al.</i> ...	Betchouan	10	104 00
42,437	Progress.....	Gaspé.....	52	Vital Boudreau.....	Pt. Esquimaux	9	104 00
85,750	H. B.	Quebec	57	Hypolite Boudreau..	do ...	10	114 00
80,753	Stella Maris.....	do	50	L. Cummings & Co..	do ...	10	100 60
57,742	A cara	Halifax, N.S...	30	Frederick Jomphe..	do ...	7	60 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c. -Quebec—*Concluded.*SAGUENAY COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner	Residence.	No. of Crew.	Amount of Bounty Paid.
69,591	Ste. Marie.....	Quebec.....	37	Alex. Scherer.....	Pt. Esquimaux	16	\$ cts.
85,753	Java.....	do.....	46	Dominique Cormier	do ...	9	74 00
85,754	Florida.....	do.....	26	Hyp. Bourque <i>et al.</i>	Natashquan...	6	52 00
83,352	Ste. Anne.....	do.....	18	Pierre Brochu.....	Sept Isles....	4	36 00
42,435	Labrador.....	Gaspé.....	43	Placide Doyle.....	Pt. Esquimaux	9	86 00
58,468	Busy.....	Quebec.....	39	André Vigneau <i>et al.</i>	do ...	6	73 00
64,990	Marie St. Croix.....	do.....	17	Joseph Fortin....	L'Islet....	2	34 00
83,360	Ste. Anne.....	do.....	13	Emile Fraser <i>et al.</i>	Green Island.	4	26 00
85,459	Florida.....	do.....	13	William Michaud...	do ...	3	26 00
85,756	Aristile.....	do.....	19	Placide Talbot <i>et al.</i>	Natashquan...	4	38 00
80,755	La Marina.....	do.....	18	Laurent Gallant....	Riv. Gananiste	5	36 00
69,384	Ice Bird.....	Gaspé.....	39	Emile Lavoie.....	Pt. Esquimaux	9	78 00
	Totals.....		2208			437	4,418 01

RECAPITULATION.

	Tonnage.	Crew No.	Bounty Paid.
Nova Scotia.....	31,176	6,238	55,544 00
New Brunswick.....	2,107	496	4,119 20
Prince Edward Island.....	450	66	807 14
Quebec.....	2,209	437	4,418 01
Totals.....	35,942	7,237	64,888 35

ANNUAL REPORT

OF THE

DEPARTMENT OF FISHERIES,

DOMINION OF CANADA

FOR THE YEAR

1884.

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Printed by Order of Parliament.

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OTTAWA:
PRINTED BY MACLEAN, ROGER & CO., WELLINGTON STREET.
1885.

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PART 2.

FISH-BREEDING.—Report by the Superintendent.....

FIRST ANNUAL REPORT
OF THE
DEPUTY MINISTER OF FISHERIES
FOR THE YEAR 1884.

To the Honorable

ARCHIBALD WOODBURY McLELAN,
Minister of Marine and Fisheries.

Sir,—I have the honour to submit herewith my first annual report on the Fisheries Service of the Dominion for the past calendar year, together with statements of official transactions for the fiscal year ending 30th June, 1884.

ORGANIZATION OF THE DEPARTMENT OF FISHERIES.

The Statute 47 Vic., cap. 18, divided what was hitherto known as the Department of Marine and Fisheries into two Departments, to be respectively called the Department of Marine and the Department of Fisheries, over both of which the Minister of Marine and Fisheries for the time being shall preside, and of which he shall have the management, charge and direction.

DUTIES.

The duties of the Department of Fisheries consist principally in the administration of all laws relating to the subject of sea, coast or inland fisheries, the management, regulation and protection thereof, and all matters and things relating thereto or assigned by the Governor in Council to the said Department.

Under this latter head is included the payment of fishing bounties, necessitating an enormous amount of labour, which could not conveniently and satisfactorily be performed outside the Department.

 PRODUCE OF THE FISHERIES.

The total value of the fisheries of Canada for the year 1884 is reckoned as follows:—

Nova Scotia.....	\$8,763,779 36
New Brunswick	3,730,453 99
Quebec.....	1,694,560 85
British Columbia	1,358,267 10
Ontario.....	1,133,724 26
Prince Edward Island.....	1,085,618 68

Showing a total value of..... \$17,766,404 24

as against \$16,958,192.98 in 1883; an increase of \$808,211.26.

This is exclusive of the quantity consumed by the Indian population of British Columbia, and also of the yield of Manitoba and the North-West Territories, from which, although steps have been taken to supply the information in future, no reliable data are available for the present report.

DETAILS.

The following table shows the value of the principal kinds of fish, grouped for convenience:—

Cod.....	\$4,302,454 85
Herring.....	2,645,447 00
Lobsters.....	2,351,559 80
Mackerel.....	1,826,681 03
Salmon.....	1,357,727 64
Haddock	758,245 70
Fish oils.....	477,443 40
Trout.....	464,653 00
Sardines.....	384,600 00
Smelt.....	370,644 60
Pollock.....	275,222 50
Whitefish.....	271,971 28
Hake.....	217,981 70
Alewives.....	189,854 50
Seal skins.....	166,788 00
Oysters.....	126,458 00
Pickarel.....	111,452 06
Halibut ...	98,532 90
Sturgeon.....	88,899 60
Eels.....	84,714 80
Bass.....	75,573 30
Shad.....	74,058,41

GENERAL REMARKS.

Nova Scotia.

The returns show that the fisheries of this Province do not only maintain the improvement of the last few years, but they show a large increase over any former year. While this improvement embraces nearly all kinds of fish, it is most marked in cod, mackerel, herring, salmon and lobsters.

The encouragement offered by the bounty has largely increased the number of vessels and boats engaged in the deep-sea and shore fisheries.

New Brunswick.

From this Province the returns show a large increase in the yield of its fisheries.

A most gratifying feature is the general improvement in the salmon fishery, which extends to almost every district in which this fishery is pursued. Smelt herring and lobsters show increased catches. Shad and alewives also share in the general improvement, but the sturgeon fishery shows a large falling off from former years. In some districts the herring fishery was not so productive, while in others it shows a largely increased catch. This is no doubt due to the erratic movements of the schools of this fish, which, while never leaving our coast, change their habitat according to temperature, weather and the location of their favourite food.

Quebec.

The late date at which the ice left in the spring and the stormy weather which almost constantly prevailed in the Gulf during the fishing season, has caused a considerable decrease in the catch of almost all kinds of fish.

The decrease in the catch of salmon on the south shore of Gaspé and Bonaventure is, however, counterbalanced by the increased catch on the north shore.

More interest than usual was taken in the mackerel fishery and considerable outlay was made by local fishermen; but unfavourable weather doubtless affected the movements of the schools, which did not go to the west of Cape Breton, and the catch made was inconsiderable.

The inland fisheries show a large decrease as compared with the catch of 1883. This falling off, which was noticeable in almost every kind of fish, is due more to a prevalence of contrary winds and stormy weather than to any scarcity of fish.

Prince Edward Island.

The stormy and unfavourable weather which prevailed in the Gulf extended also to the Straits, and had the same effect on the Island fisheries.

The returns show a large falling off in all kinds of fish, the decrease being most marked in mackerel.

The single exception is the lobster fishery, which, contrary to general expectation, has been good, and the returns show a considerable increase over the very large catch of last year.

The enormous extent to which this fishery has been developed and the constantly increasing number of factories and fishermen have led to much confusion. It will soon be necessary, in the interest of the fishery, as well as of the fishermen and packers, to bring it under the more effective control of the Department.

British Columbia.

The returns from the above named Province show a large decrease in the salmon catch of the Fraser River, where only six canneries out of thirteen were in operation. This result was not due to any scarcity of fish, but to the large quantity of preserved salmon on the market and the low prices obtained.

A fish hatchery, measuring 100 x 40 feet, was built during last season on the Fraser River. It will easily accommodate 3,000,000 *Quinnat* salmon eggs, or 1,000,000 *Saw-qudi* salmon ova. By doubling the trays, double this number of eggs can be laid down. The catching of parent salmon began about the beginning of July, and by the close of the season 3,000,000 eggs were on the trays. The operations were highly successful and reflect credit upon the officer in charge, Mr. Thomas Cowat.

Ontario.

The total value of the fisheries in the Province of Ontario is reckoned at \$1,133,724.26.

On Lake Superior, Lake Huron and Georgian Bay, the individual catches did not much exceed those of last year, but the number of fishermen was larger and the aggregate yield consequently increased. The severe stormy weather which prevailed during the first part of November greatly interfered with the fishermen's operations, damaging or destroying a large amount of twine and driving the runs of fish off the reefs; but, on the whole, the result was satisfactory.

Manitoba and the North-West Territories.

The dates hitherto determined upon as close seasons for whitefish in the Province of Manitoba and the North-West Territories having proved utterly inadequate, others will have to be substituted, so as to afford full and complete protection to this valuable fish during its breeding season.

An Inspector, Mr. Alex. McQueen, of Winnipeg, vested with magisterial powers, has been appointed, as well as a resident Fishery Overseer, Mr. F. C. Gilchrist, at Fort Qu'Appelle, for the Qu'Appelle district and vicinity. The system will be gradually extended as circumstances may demand, and other officers located at places where most needed.

GENERAL RECAPITULATION

Of the Yield and Value of Fisheries in the Dominion of Canada, for the years 1883 and 1884.

Kinds of Fish.		1883.		1884.	
		Quantity.	Value.	Quantity.	Value.
			\$ cts.		\$ cts.
Cod.....	Cwt.	1,074,914	4,507,110 25	1,022,234	4,302,454 85
Herring, pickled.....	Brls.	443,611	1,825,355 50	493,241	2,029,430 00
do smoked.....	Boxes.	1,247,660	311,915 00	1,938,194	484,548 50
do frozen.....	No.	20,875,000	125,100 00	14,851,500	89,109 00
do preserved or fresh.....	Lbs.	7,968	956 16	1,049,550	42,359 50
Lobsters, preserved.....	"	13,364,020	1,889,265 71	15,933,283	2,259,892 80
do.....	Tons.	964	29,310 00	3,065	91,567 00
do in shell or alive.....	Per M.	1,195,120	30,678 00		
Salmon, pickled.....	Brls.	6,030½	63,901 50	10,019	123,418 50
do fresh.....	No.	117,664	44,287 20	173,056	51,916 80
do do in ice.....	Lbs.	1,537,052	262,810 44	2,008,268	346,000 29
do preserved in cans.....	"	9,460,911	1,087,218 35	6,803,845	781,366 05
do smoked.....	"	419,363	69,909 02	385,230	55,026 00
Mackerel, preserved in cans.....	"	702,743	94,853 46	190,457	28,194 03
do pickled.....	Brls.	124,093	1,234,632 00	180,170	1,798,487 00
Haddock.....	Cwt.	173,092	609,966 50	216,544	758,245 70
Hake.....	"	146,281	511,983 50	40,073	140,255 50
Pollock.....	"	105,573	369,505 50	78,635	275,222 50
Trout.....	Lbs.	4,744,529	368,323 12	5,517,487	429,481 00
do.....	Brls.	4,089	40,672 00	3,546½	35,172 00
Whitefish.....	"	1,862	18,620 00	2,078	20,780 00
do.....	Lbs.	3,120,032	249,602 56	3,139,891	251,191 28
Smelt.....	"	4,180 943	254,456 58	6,177,410	370,644 60
Sardines.....	Brls.	15,294	45,896 00	8,895	26,720 00
do.....	Hdbs.	37,717	301,736 00	35,788	357,880 00
Oysters.....	Brls.	50,540	151,620 00	41,956	126,458 00
Alewives.....	"	37,707	150,498 00	47,674	189,854 50
Hake Sounds.....	Lbs.	115,687	110,222 80	83,637	77,726 20
Cod Tongues and Sounds.....	Brls.	1,943	14,433 00	2,006	14,882 00
Shad.....	No.	192,800	17,843 75	128,533	12,157 17
do salted.....	Brls.	7,076½	56,612 00	7,737	61,901 24
Bels do.....	"	3,482½	31,246 50	4,776	42,763 40
do.....	No.	514,219	51,421 90	419,464	41,946 40
Maskinongé.....	Lbs.	771,070	49,257 20	627,750	39,573 30
Bass.....	"	1,181,923	74,551 04	1,186,423	75,571 26
Pickarel.....	"	1,671,539	105,011 66	1,771,071	111,452 06
Pike.....	"	930,020	45,361 00	705,918	36,363 40
Sturgeon.....	"	1,041,278	54,006 30	1,601,306	80,709 60
do.....	Brls.	1,866	9,330 00	1,638	8,190 00
Halibut.....	Lbs.	1,066,050	62,493 00	1,670,215	98,532 90
Bar and Whitefish.....	Doz.	14,050	27,562 50	15,008	18,760 00
Winnonish.....	No.	21,500	5,375 00	25,600	6,400 00
Tom Cod.....	Brls.	4,000	6,000 00	2,080	3,120 00
Perch.....	Lbs.	10,450	627 00	12,000	720 00
Ling.....	Cwt.	207	828 00	155	620 00
Squid.....	Brls.	4,470	17,672 00	3,176	12,704 00
Whiting.....	Lbs.	25,000	1,530 00		
Oolabans, pickled.....	Brls.	187	1,517 50	330	2,640 00
do fresh.....	Lbs.	30,000	1,800 00	37,500	2,250 00
do smoked.....	Boxes.	4,050	4,050 00	2,800	2,800 00
Seal Skins.....	No.	9,195	91,950 00		
Hair Seal Skins.....	"	22,036	20,586 00		
Sea Otter do.....	"	98	4,800 00		
Porpoise do.....	"	87	298 00	83	332 00
Fish Oils, not assorted.....	Galls.	632,690	401,726 60	583,883	376,826 10
Whale Oil.....	"	5,510	2,505 00	4,640	2,320 00

GENERAL RECAPITULATION

of the Yield and Value of the Fisheries in the Dominion of Canada, for the years 1883 and 1884.

Kinds of Fish.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ cts.
Oil..... Galls.	127,749	76,649 40	50,070	25,035 00
Oil..... "	121,631	72,978 60	83,391	41,695 50
Fish, Porpoise, etc., Oil..... "	222,018	89,886 40	16,781	6,766 80
Fish Oil, refined..... "	40,000	22,000 00	45,000	24,800 00
as, preserved..... Lbs.	8,640	1,080 00	14,400	1,800 00
Roes..... Brls.	46	108 00	18	72 00
se Fish..... "	15,230	60,920 00	} 45,227	198,726 26
d Fish..... "	24,546	101,068 68		
Scrap, dried..... Tons.	20	300 00		
Guano..... "	2,873	43,095 00	4,422	66,330 00
used for Bait and Manure..... "	25,250	225,818 50	250,572	204,875 25
sold in Halifax markets.....		31,500 00		52,400 00
do Victoria, B.C., markets.....		105,000 00		110,000 00
assorted in British Columbia.....		2,430 00	58,400	3,504 00
home consumption not included in turns.....		215,558 30		266,170 00
Total value of the Fisheries in Canada.....		16,958,192 98		17,763,404 24
Increase in 1884.....				808,211 26

COMPARATIVE STATEMENT

Of Production in the different Fisheries in the respective Provinces of the Dominion of Canada, in 1883 and 1884.

PROVINCE OF NOVA SCOTIA.

Kinds of Fish.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ c
Salmon	Brls. 532	9,576 00	3,183	57,294 0
do fresh	Lbs. 423,308	84,661 60	468,502	93,034 1
do smoked	" 19,920	3,984 00	18,230	3,646 0
do preserved	Cans. 26,312	5,262 40	7,652	1,530 4
Godfish	721,979	3,068,410 75	783,144	3,328,363 0
Cod Tongues and Sounds	Brls. 1,389	9,723 00	1,440	10,080 0
Pollock	Cwt. 94,049	329,171 50	61,892	216,622 0
Hake Sounds	Lbs. 59,290	59,290 00	34,297	34,297 0
Hake and Haddock	Cwt. 246,969	864,391 50	196,998	689,493 2
Halibut	Lbs. 959,650	57,579 00	1,445,590	85,055 4
Mackerel	Brls. 88,608	886,080 00	156,063	1,560,630 0
do preserved	Cans. 114,500	17,175 00	82,776	12,416 4
Herring	Brls. 205,070	820,280 00	250,383	1,001,532 0
do smoked	Boxes. 84,800	21,200 00	113,085	28,271 2
do frozen or fresh	No. 100,000	450 00	lbs. 1,015,000	40,632 0
Alewives	Brls. 18,346	73,384 00	21,375	85,500 0
Shad	" 3,442	27,538 00	3,428	27,425 2
Bass, Trout and Smelt	Lbs. 488,505	29,310 30	533,517	32,011 0
Eels	Brls. 2,308	20,772 00	2,581	23,229 0
Oysters	" 1,343	4,029 00	1,695	4,785 0
Lobsters, preserved	Cans. 4,870,339	730,550 85	5,146,273	771,940 9
do	Tons. 39	1,560 00	}	40,697 0
do in shell	Per M. 30,000	750 00		
do live	" 1,200,000	29,928 00		
Fish Roes	Brls. 8	32 00		
Fish Oils	Galls. 521,859	339,203 35	516,845	335,949 2
Fish Guano	Tons. 1,598	23,970 00	1,517	22,755 0
Fish used as bait	Brls. 43,127	43,127 00	51,328	51,328 0
do manure	" 23,693	11,846 50	28,423	14,211 5
Mixed Fish in Digby and Yarmouth Counties		18,395 00		32,408 0
Squid	Brls. 4,366	17,464 00	2,683	10,732 0
Amount sold in Halifax Fish Market		31,500 00		52,400 0
Home consumption of various Counties, as per return		43,777 00		95,510 0
Total		7,689,374 75		8,763,779 3
Increase in 1884				

COMPARATIVE STATEMENT.

Of Production in each Branch of Fishing, &c.—*Continued.*

PROVINCE OF NEW BRUNSWICK.

Kinds of Fish.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ cts.
fish..... Cwt.	81,136	344,828 00	51,082	217,098 50
cring..... Brls.	106,306	425,224 00	109,905	439,620 00
o smoked..... Boxes.	1,137,830	284,457 50	1,794,400	448,600 00
o frozen..... NO.	20,775,000	124,650 00	14,851,500	89,109 00
ckerel..... Brls.	4,166	41,660 00	5,657	56,570 00
do preserved..... Cans.	235,310	35,446 50	95,197	14,279 55
ddock..... Cwt.	17,022	59,577 00	15,379	53,826 50
lock..... "	11,524	40,334 00	16,743	58,600 50
ke..... "	37,218	130,263 00	30 842	107,947 00
libut..... Lbs.	27,900	1,674 00	42,450	2,547 00
imon, pickled..... Brls.	50	900 00	107	1,926 00
do fresh, in ice..... Lbs.	765,972	153,194 00	1,707,983	215,596 60
do preserved..... Cans.	8,650	1,730 00	11,362	2,272 40
ewives..... Brls.	18,702	74,808 00	24,816	99,264 00
out..... Lbs.	56,055	3,363 30	70,943	4,256 58
elt..... "	3,822,793	229,367 58	5,801,560	348,093 60
ad..... Brls.	3,634½	29,076 00	4,305	24,440 00
ls..... "	1,078½	9,706 50	1,433	12,897 00
urgeon..... Lbs.	125,280	7,516 80	64,430	3,865 80
rdines..... Hhds.	37,717	301,736 00	35,788	357,880 00
ss..... Lbs.	298,162	17,889 72	298,160	17,889 00
ckerel..... "	34,500	2,070 00	130,570	7,834 20
rch..... "	10,450	627 00	12,000	720 00
sters..... Brls.	10,317	30,951 00	11,851	35,553 00
obsters, preserved..... Cans.	4,042,964	606 443 10	5,662,072	849,310 80
do..... Tons.	925	27,750 00	1,709	51,270 00
od Tongues and Sounds..... Brls.	147	1,029 00	146	1,022 00
ake Sounds..... Lbs.	40,785	40,785 00	32,452	32,452 00
sh Oil..... Galls.	69,438	41,662 80	53,957	32,374 20
sh Guano..... Tons.	1,275	19,125 00	2,905	43,575 00
sh used as manure..... Brls.	23,971	11,985 50	24,397	12,198 50
do bait..... "	41,487	62,230 50	37,883	56,824 50
uid..... "	104	208 00	493	1,972 00
rostrfish and Flounders..... Lbs.	388,828	23,329 68	750,546	18,696 76
ish Roos..... Brls.	38	76 00	18	72 00
Total		3,185,674 00		3,730,453 90
Increase in 1884.....				544,779 11

COMPARATIVE STATEMENT.

OF Production in each Branch of Fisheries, &c.—*Continued.*

PROVINCE OF QUEBEC.

Kinds of Fish.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ c
Salmon, pickled..... Brls.	731 $\frac{1}{2}$	10,972 50	1,122 $\frac{1}{2}$	13,470 0
do fresh, in ice..... Lbs.	340,142	23,809 94	395,443	36,374 4
do preserved, in cans..... "	3,633	544 95	4,715	607 2
do smoked..... Boxes.	1	10 00		
do fresh..... No.	7,490	11,235 00		
Cod..... Cwt.	245,097	980,388 00	168,165	672,660 0
Haddock..... "	1,312	5,248 00	681	2,724 0
Ling..... "	207	828 00	155	620 0
Halibut..... Brls.	245	1,470 00	262	1,572 0
Herring, pickled..... "	66,265	296,096 00	66,287	291,165 0
do smoked..... Boxes.	5,030	1,257 50	4,709	1,177 2
Shad..... No.	192,505	17,819 75	128,533	12,157 1
Eels..... "	480,859	48,085 90	419,464	41,946 4
do pickled..... Brls.	96	768 00	107	749 0
Mackerel..... "	3,149	25,192 00	1,584	12,627 0
Sardines..... "	15,294	45,896 00	8,895	26,720 0
Sturgeon..... "	1,866	9 330 00	1,638	8,190 0
do..... Lbs.	257,708	12,835 40	276,595	13,829 7
Trout..... "	525,900	35,740 00	542,050	37,558 0
do..... Brls.	159	1,272 00	146 $\frac{1}{2}$	1,172 0
Winnonish..... No.	21,500	5,375 00	25,600	6,400 0
Bar and Whitefish..... Doz.	14,050	27,662 50	15,008	18,760 0
Whitefish..... "	45,512	3,640 96	38,494	3,079 5
Maskinongé..... Lbs.	149,650	11,972 00	95,415	7,633 2
Bass..... "	181,783	14,542 64	219,294	17,543 5
Pickarel..... "	268,766	20,845 28	304,270	23,444 0
Pike..... "	454,820	21,601 00	453,153	23,723 6
Tom Cod..... Brls.	4,000	6,000 00	2,080	3,120 00
Cod Tongues and Sounds..... "	409	3,681 00	420	3,780 00
Lobsters, canned..... Lbs.	606,154	90,923 00	788,283	118,242 45
Small and Mixed Fish..... Brls.	16,470	59,344 00	18,841	71,816 00
Seal Skins..... No.	19,136	19,136 00	10,369	10,369 00
Porpoise Skins..... "	87	298 00	83	332 00
Seal Oil..... Galls.	127,749	76,649 40	50,070	25,035 00
Whale Oil..... "	5,010	2,505 00	4,640	2,320 00
Cod Oil..... "	121,631	72,978 60	83,391	41,695 50
Porpoise Oil..... "	3,499	1,818 80	5,286	2,643 00
Fish used as bait and manure..... Brls.	106,868	95,291 00	73,541	66,812 75
Fish used for local consumption..... "	18,996	75,984 00	18,123	72,492 00
Total.....		2,138,997 12		1,694,560 85
Decrease.....				444,436 27

COMPARATIVE STATEMENT

Of Production in each Branch of Fisheries, &c.—*Continued.*

PROVINCE OF PRINCE EDWARD ISLAND.

Kinds of Fish.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ cts.
fish Cwt.	26,702	113,483 50	19,843	84,332 75
cring Brls.	46,440	185,760 00	36,217	144,868 00
do preserved..... Cans.	7,968	956 16		
ckerel Brls.	28,170	281,700 00	16,866	168,660 00
do preserved..... Cans.	351,933	42,231 96	12,484	1,498 08
ddock Lbs.	47,500	2,850 00	42,900	2,574 00
ke Cwt.	9,036	31,720 50	9,231	32,308 50
mon, fresh..... Lbs.	7,630	1,144 50	6,634	995 10
do Cans.	300	75 00	500	125 00
wives Brls.	659	2,306 50	1,483	5,190 50
libut..... Lbs.	4,500	270 00	5,975	358 50
s "			60	3 60
ut "	43,880	2,632 00	44,880	2,692 80
elts "	55,450	3,327 00	74,150	4,449 00
s "	55,600	3,336 00	79,640	4,778 40
ad "	400	24 00	600	36 00
sters Brls.	38,880	116,640 00	28,290	84,870 00
sters, preserved Lbs.	3,844,573	461,348 76	4,336,655	520,398 60
l and Hake Sounds..... "	15,612	10,147 80	16,888	10,977 20
h Oil..... Galls.	17,193	11,175 45	13,081	8,502 65
nure "	1,338	1,338 00	3,500	3,500 00
sh fish, local consumption.....			150,000	4,500 00
Total		1,272,467 93		1,085,618 68
Decrease.....				186,849 25

COMPARATIVE STATEMENT

Of Production in each Branch of Fisheries, &c.—*Continued.*

PROVINCE OF BRITISH COLUMBIA.

Kinds of Fish.	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
		\$ cts.		\$ ct.
Salmon, pickled..... Brls.	4 717	42,453 00	5,636½	50,728 50
do fresh No.	110,174	33,052 20	173,056	57,916 80
do preserved in cans..... Lbs.	9,422,016	1,079,606 00	6,779,616	776,821 00
do smoked..... "	399,393	55,915 02	367,000	51,380 00
Mixed Fish, pickled..... Brls.	150	900 00		
Herring "	36	288 00	lbs. 34,550	1,727 50
do Kitts.	150	637 50		
do smoked "		5,000 00		6,500 00
Trout, fresh..... Lbs.	64,300	4,501 00	76,050	5 323 50
Sturgeon, fresh "	68,960	4,137 60	352,900	17,645 00
Clams, canned..... "	8,640	1,080 00	14,400	1,800 00
Haddock "		27,900 00		
Whiting "	25,000	1,500 00	240,700	9,628 00
Halibut, fresh, in ice..... "		1,500 00	150,000	9,000 00
Oysters..... Brls.			220	1,250 00
Ooláhans, pickled..... { Half "	150	1,200 00		
	50	212 50	lbs. 33,000	2,640 00
	35	105 00		
do smoked Boxes.	4,050	4,050 00	lbs. 28,000	2,800 00
do fresh Lbs.	30,000	1,800 00	37,500	2,250 00
Fur Seal Skins No.	9,195	91,950 00		
Hair do "	2,900	1,450 00		156,419 00
Sea Otter Skins..... "	96	4,800 00		
Ooláhan Oil..... Galls	1,100	1,000 00	43	43 00
Herring and Salmon Oil..... "	24,200	9,680 00	1,452	580 00
Dog-fish, Seal and Porpoise Oil..... "	217,419	86,967 60	10,000	3,500 00
do Oil, refined..... "	40,000	22,000 00	45,000	24,800 00
Fresh fish sold in markets..... "		105,000 00		110,000 00
Fish for home consumption, Chinese laborers.....		54,000 00		68,000 00
Fish Scrap, dried..... Tons.	20	300 00		
Fish, fresh, assorted..... Lbs.	25,500	1,530 00	58,400	3,504 00
Total.....		1,644,645 42		1,358,267 10
Decrease.....				286,378 30

COMPARATIVE STATEMENT

Of Production in each Branch of Fisheries, &c.—*Concluded.*

PROVINCE OF ONTARIO.

Kinds of Fish.		1883.		1884.	
		Quantity.	Value.	Quantity.	Value.
			\$ cts.		\$ cts.
itefish.....	Brls.	1,862	18,620 00	2,078	20,780 00
do	Lbs.	3,074,530	245,961 60	3,101,397	248,111 76
ut	Brls.	3,940	39,400 00	3,400	34,000 00
o	Lbs.	3,941,159	315,292 72	4,631,814	370,545 12
ring	Brls.	19,414	97,070 00	30,449	152,245 00
kinongé	Lbs.	621,420	37,285 20	532,335	31,940 10
do	do	689,408	41,364 48	538,852	35,331 12
kerel.....	do	1,368,273	82,006 38	1,336,231	80,173 86
do	do	475,200	23,760 00	252,795	12,639 75
geon	do	589,330	29,466 50	907,881	45,369 05
do	do	.....	.....	22,300	1,115 00
ree Fish	Brls.	15,230	60,920 00	2,526,850	75,805 50
for home consumption, not included					
the above.....			35,796 00	855,600	25,668 00
Total			1,027,032 88		1,133,724 26
Increase.....					106,691 38

RECAPITULATION.

PROVINCES.	Value.	
	1883.	1884.
	\$ cts.	\$ cts.
SCOTIA	7,689,374 75	8,763,779 36
BRUNSWICK.....	3,185,674 88	3,730,453 99
EC	2,138,997 12	1,691,560 85
DE EDWARD ISLAND	1,272,467 93	1,085,618 68
SH COLUMBIA	1,644,645 42	1,358,267 10
RIO	1,027,032 88	1,133,724 26
Total	16,958,192 98	17,766,404 24
Increase		16,958,192 98
		808,211 26

EXPENDITURE.

The total expenditure for the Fisheries Service during the financial year ending 30th June, 1884, amounted to \$116,531.66, as follows :—

General service.....	\$69,011 06
Fish-breeding	27,585 07
Maintenance of fisheries protection steamer "La Canadienne"	19,935 53

This expenditure is sub-divided as follows :—

Nova Scotia.

Fishery officers' salaries and disbursements.	\$15,600 01
Fish-breeding.....	4,728 11
	<u>\$20,328 12</u>

New Brunswick.

Fishery officers' salaries and disbursements.	\$14,388 02
Fish-breeding.....	2,327 06
	<u>16,715 08</u>

Quebec.

Fishery officers' salaries and disbursements.	\$13,186 26
Fish-breeding.....	8,512 11
	<u>21,698 37</u>

Prince Edward Island.

Fishery officers' salaries and disbursements.	\$2,767 98
Fish-breeding	771 40
	<u>3,539 38</u>

British Columbia.

Fishery officers' salaries and disbursements.	\$2,231 97
Building fish hatchery.....	3,704 31
	<u>5,936 28</u>

Ontario.

Fishery officers' salaries and disbursements.	\$15,192 73
Fish-breeding.....	8,011 17
	<u>23,203 90</u>

Manitoba.

Fishery officers' salaries and disbursements.....	872 40
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Miscellaneous.

Legal and incidental expenses	\$1,003 72
Advertising.....	63 66
Fish-breeding, salary of Superintendent.....	1,999 96
do building fish-ways, &c.....	1,235 26
Fisheries protection vessel "La Canadienne"	19,935 53
	<u>24,238 13</u>

Total.....\$116,531 66

The expenses incurred for fish culture are also sub-divided as follows, among eleven fish hatcheries :—

Ontario.

Newcastle.....	\$4,985 05	
Sandwich.....	3,026 12	
	<hr/>	\$8,011 17

Quebec.

Tadoussac.....	\$2,232 25	
Gaspé Basin	1,932 43	
Magog.....	2,009 32	
Ristigouche (Quebec and New Brunswick).	2,338 11	
	<hr/>	8,512 11

Nova Scotia.

Bedford Basin	\$2,639 85	
Sydney	2,088 26	
	<hr/>	4,728 11

New Brunswick.

Miramichi	\$1,226 14	
St. John River.....	1,100 92	
	<hr/>	2,327 06

Prince Edward Island.

Dunk River		771 40
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Miscellaneous.

Salary of Superintendent	\$1,999 96	
Building fish-ways and incidental expenses...	1,235 26	
	<hr/>	3,235 22

Total.....\$27,585.07

RECEIPTS.

The collections made during the fiscal year are arranged under the following heads :—

Ontario.

Rents, license fees and fines \$11,345 14

New Brunswick.

Rents, taxes on nets, and fines 3,905 66

Quebec.

Rents, license fees and fines 2,715 02

Nova Scotia.

Fishery licenses and fines 1,833 18

British Columbia.

Salmon fishery licenses 127 50

Prince Edward Island.

License fees 80 00

\$20,006 50

LICENSES ISSUED.

e number of fishery licenses issued during the season of 1884 is as follows :—

Ontario.

Gill-net license	472	
Hoop-net do	75	
Pound-net do	111	
Seine do	304	
Angling permits	1,909	
Spearing licenses	72	
Dip-nets and night lines.....	46	
		2,989

Quebec.

Salmon-net fishing licenses.....	367	
Brush-weir do	45	
Eel-weir do	8	
Seine do	196	
Gill-net do	175	
Dip-nets, hoop-nets, &c	143	
Pound-net licenses	2	
		936

New Brunswick.

Salmon-net fishing licenses.....	553	
Herring-weir do	196	
Bass do	228	
Smelt do	1,146	
Sturgeon do	33	
Trap-net do	2	
		2,168

Nova Scotia.

Trap-net licenses.....	68
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British Columbia.

Salmon-net fishing licenses	30
Oyster fishery leases.....	2

Prince Edward Island.

Trap-net licenses.....	2
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Total 6,195

FISH-BREEDING.

Thirteen establishments for the artificial propagation of fish are now in active operation in the several Provinces of the Dominion of Canada. These are at the present time largely filled with fish eggs, collected at various points during the spawning season of 1884.

The total number of young fish of various kinds hatched and distributed in 1884 amounted to 53,143,000, and the total quantity of fish eggs laid down in all the hatcheries during the fall of the same year was 66,033,000.

Mr. S. Wilmot's Report and other detailed statements connected with fish breeding operations during the year 1884 will be found at Part II of the present Report.

FISHING BOUNTIES.

The total number of Bounty Claims received in 1883 was 13,604. Of this number 523 were rejected for non-compliance with the requirements of the law and regulations. The total number paid during the above named year was 13,081 ; an increase of 1,109 over the year 1882.

The total amount of Bounties paid to vessels and boats was \$130,227.35.

The number of vessels claiming the Bounty was 902, with a tonnage of 34,549 tons, an increase of 116 vessels, with a tonnage of 6,938 tons, over 1882. This increase is chiefly made up in the Province of Nova Scotia, and was the means of distributing among the owners and crews of that Province a sum of \$10,000 in excess of that of the previous year.

The number of boats which received the Bounty was 12,272, as against 11,225 in 1882 ; an increase of 1,047 boats.

Owing to the inadequacy of the grant, it was found impossible to continue the plan of doubling the rate to boats, inaugurated in 1882, and the former rate of \$10 per man had to be adhered to.

Since the publication of the preliminary report the sum of \$117.50 has been added on suspended claims for the year 1883, as follows :—

PROVINCE OF QUEBEC.

SAGUENAY COUNTY—VESSELS.

Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
3 Maria Delvina....	Quebec.....	13	Cyrille Levesque.....	Green Island	4	\$ cts. 26 00
8 Emerillon	do	14	Auguste Michaud. ...	Isle Verte.....	2	28 00
Totals .....	.....	27	.....	.....	6	54 00

BOATS.

Province.	County.	No. of Boats.	No. of Men.	Amount Paid.
Nova Scotia	Richmond .....	.....	3	\$ 9 00
do	Victoria.....	2	16	40 00
Total.....	.....	2	19	49 00
New Brunswick.....	Gloucester.....	.....	1	4 50
Prince Edward Island.....	Prince.....	1	3	7 50
Quebec.....	Gaspé.....	.....	1	2 50
Totals.....	.....	3	24	63 50

Full details showing the amounts paid to vessels and boats in each Province are given at page 54 and following, of this report.

For the better information and guidance of fishermen claiming bounty for the year 1884, and others engaged in the transmission of claims and the distribution of the money, the following circular was distributed amongst claimants :—

FISHING BOUNTIES, 1884.

INSTRUCTIONS TO CLAIMANTS.

Boats.

1. Claimants to fishing bounty must have been engaged at least three months in seafishing, exclusive of salmon, shad, lobster and other fish and fisheries exempted from the operation of the Washington Treaty, and have caught not less than 2,500 pounds of seafish per man.

2. No bounty will be paid to boats measuring less than 14 feet keel, and no more than three men (the owner included) will be allowed as claimants in boat under 20 feet.

3. Dates and localities of fishing must be stated in the claim, as well as the quantity and kinds of seafish caught.

4. Ages of men must be given.

5. Returns must be sworn to as true and correct in all their particulars.

6. Only one claim will be allowed in each season, even though the claimant may have fished in two vessels, or in a vessel and a boat, or in two boats. Any person or persons detected making false returns will be debarred from participation in the bounty.

7. Claims must be filed on or before the 31st December.

8. Customs officers and fishery overseers will supply the requisite blanks, free of charge, and, after certifying the same, will transmit them to the Department of Fisheries.

Vessels.

9. Canadian registered vessels of 10 tons and upwards (up to 80 tons) which have been engaged during a period of three months in the catch of sea-fish not exempted under the Washington Treaty, are entitled to a bounty of \$2 per ton, one-half of which is payable to the owner or owners, and the other half to the crew.

10. Owners of vessels may, after the present season, and before proceeding on a foreign voyage, be required to procure a license from the nearest Collector of Customs, who will, subsequently, grant a certificate, stating that all the requirements of the statute have been complied with, and upon this certificate being filed with the Department, the bounty will be paid.

11. Directions contained in paragraphs 3, 4, 5, 6, 7 and 8 apply to vessels as well as to boats.

CONCLUSION.

The importance of the interests administered by this Department renders it imperative that, the fishery laws and regulations be enforced in a firm, though conciliatory manner. In this connection, it might be mentioned that fishermen, as a class, do not fully realize the importance of protective measures, and fail in many instances to support the Department in its endeavors to carry out a wise policy for the preservation of breeding fish, and the ultimate benefit of fishermen themselves. The foregoing remarks apply with special force to the salmon and lobster fisheries.

I have the honour to be, Sir,

Your obedient servant,

JOHN TILTON,

Deputy Minister of Fisheries.

STATEMENT of Fines imposed and moieties thereof received by the Department of Fisheries, for violations of the Fisheries Act and Regulations during the Year 1884.

Names.	Nature and Place of Offence.	Amount of Penalty.	Amount received by Department.	Remarks.
		\$ cts.	\$ cts.	
R. J. Allen.....	Fishing with nets on Sunday at Niagara River.....	2 00	1 00	
L. Coreyel.....	Spearing fish at Lake Scugog, Ont.....	7 00	3 50	
Jess ^e King.....	do do.....	2 00	1 00	
Nicholas Mark.....	do do.....	1 00	0 50	
Geo. Tripp.....	do do.....	1 00	0 50	
S. Harrington.....	do in River Thames, Ont.....	5 00	2 50	
H. H. Symes.....	do do.....	5 00	2 50	
Wm. Oliver.....	do do.....	5 00	2 50	
Jerry Collins.....	Catching bass during close season.....	2 00	1 00	
Wm. Scicly.....	do do.....	2 00	1 00	
Wm. Mukem.....	do do.....	2 00	1 00	
Lyman Shaw.....	Spearing fish in River Thames.....	1 00	0 50	
T. T. Shaw.....	do do.....	1 00	0 50	
Adorum Ereringham.....	Fishing on Sunday in River Thames.....	5 00	2 50	
Jas. Moir.....	do do.....	5 00	2 50	
John McLeod.....	Allowing sawdust to fall into Saugeen River, Ont.....	5 00	5 00	
Noah Wingar.....	do do do.....	20 00	20 00	
Thos. Egan.....	Allowing sawdust to fall into stream at Tecumseth, Ont.....	15 00	7 50	
Thos. White.....	do do do.....	5 00	2 50	
Jas. Densmore.....	Allowing sawdust into stream at Mulmer.....	5 00	2 50	
Henry Welch.....	do do do.....	5 00	2 50	
M. N. Stephens.....	do do Glencairn.....	5 00	2 50	
Jno. McClinchy.....	do do Tosorontio.....	15 00	7 50	
Jno. Smith.....	do do Poda Mills.....	20 00	10 00	
Jas. Greenly.....	do do Essa.....	25 00	12 50	
Solomon Conn.....	do do Carluke.....	10 00	5 00	
Beardmore & Co.....	Allowing refuse from tannery into stream at Acton, Ont.....	20 00	20 00	
James Moore.....	Allowing refuse into Credit River, Ont.....	20 00	20 00	
J. P. Speight.....	Allowing sawdust into Acton Creek.....	20 00	20 00	
W. W. & C. Medler.....	Spearing fish at Rice Lake, Ont.....	50 00	25 00	
Sid Wannamaker.....	Fishing during close season at Rice Lake.....	20 00	10 00	Only one-half fine realized on distress warrant.
Trueman Aldridge.....	Allowing sawdust to escape into Muskoka River, Ont.....	50 00	49 70	
Herbert A. Richards.....	Barring channel, Boyne River, Ont.....	1 00	1 00	
Paul Bisette.....	Having in possession illegally caught fish.....	5 00	5 00	
Jos. Amuer.....	Killing pickerel during close season at Georgian Bay, Ont.....	5 00	5 00	
Wm. H. Graham.....	do do do.....	5 00	5 00	
Cleophas Hubert.....	do do do.....	5 00	5 00	
J. B. Smith.....	Allowing sawdust to escape into Mad River, Ont.....	5 00	5 00	
W. J. Hurd.....	do do do.....	20 00	20 00	
Chas. White.....	Neglecting to remove salmon fishing pickets, S. W. River, Gaspé, Que.....	1 00	1 00	
C. LeBoutillier.....	do do do.....	1 00	1 00	

STATEMENT of Fines imposed and moieties thereof received by the Department of Fisheries, &c.—*Concluded.*

Names.	Nature and Place of Offence.	Amount of Penalty.	Amount received by Department.	Remarks.
		\$ cts.	\$ cts.	
Philip Warren.....	Killing trout during close season, L. Pabos River, Que.....	1 00	1 00	
Ylvain Johnstone...	do do	1 00	1 00	
Orace Gagnon.....	Allowing sawdust to escape into Lake Megantic, Que.....	5 00	5 00	
Has. Dertilly.....	Fishing during close season at Lake Megantic, Que.....	2 00	1 00	
Jo. Mulligan.....	Fishing during close season at Upper Ottawa, Que.....	2 00	1 00	
Jos. Copeland.....	Drifting for salmon, Restigouche River, Que.....	10 00	10 00	
Geo. Shorey.....	Killing salmon during close time at Red Bank, Restigouche River	5 00	5 00	
John Doyle.....	Setting net too close to mouth of brook at Ingonish, N.S.....	5 00	3 00	\$2 incurred in expenses.
Jo. McInnis	Catching lobsters under size, North Wallace, N.S.....	5 00	5 00	
Y. McKay.....	Catching lobsters under size, South Wallace, N.S.....	5 00	5 00	
Albert Hobart.....	Allowing sawdust to escape into River at South Maitland, N.S.....	20 00	20 00	
E. Cossaboom.....	Having no gate in weir at Smith's Cove, N.S.....	10 00	10 00	
Jo. Lockwood.....	Allowing sawdust to fall into Joggins River, N.S.....	20 00	20 00	
Osolom Hurlburt, Jun.....	Fishing for salmon during weekly close time, Wilson's Lake, N.S.....	5 00	2 50	
aleb Trefry.....	Fishing on Sunday at Wilson's Falls, N.S....	5 00	5 00	
White.....	Setting salmon nets illegally at Little River, C.B.....	5 00	5 00	
S. Logan.....	Throwing fish offal overboard at Cow Bay, C.B.....	10 00	5 00	
McCharles.....	Spearing in Middle River, C.B.....	4 00	4 00	
Jo. McColm.....	Having in possession under sized bass at North Esk, N.B.....	20 00	16 12	\$11.64 of these fines were disbursed by overseer in connection with suits.
Dennett.....	Seining in Miramichi River, N.B.....	8 00	4 12	
John McColm.....	Having in possession grilse at North Esk, N.B.....	18 00	14 12	
Geo. Sutherland.....	Setting nets unlawfully, Miramichi River, N.B.....	1 00	1 00	
Men Arbo.....	do do	1 00	1 00	
aniel Lyons.....	Spearing in Miramichi River, N.B.....	1 00	1 00	
S. Fairly.....	Spearing at Rocky Brook Landing, N.B.....	4 00	4 00	
acas Poirier.....	Fishing smelts without license at Cocagne, N.B.....	1 00	1 00	
ilfred Poirier.....	do do	1 00	1 00	
		579 00	454 06	

APPENDIX No. 1.

SCHEDULE

OF

FISHERY OFFICERS

IN THE

DOMINION OF CANADA.

PROVINCE OF ONTARIO.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
James Dickson.....	Slate Island to Pigeon River, Lake Superior.....	Port Arthur.....	Overseer..	100 00
Joseph Wilson	Thessalon River, Lake Huron, to Slate Island, Lake Superior.....	Sault Ste. Marie.....	do ...	200 00
Wald A. Cameron.....	Lake Huron, from the foot of Lake George to Little Current, including St. Joseph, Cockburn, Manitoulin and adjacent islands.....	do	do ...	200 00
Samuel Frazer.....	Georgian Bay, from Allanwood to Victoria Harbour	Midland	do ...	100 00
M. G. Fraser.....	do from Victoria Harbour to Parry Sound.....	Victoria Harbour.....	do ...	100 00
Samuel James.....	do from Parry Sound to Waddle's Mills, Collins' Inlet.....	Shawanaga, Parry S'd.	do ...	100 00
George B. Steele.....	Inland waters of Parry Sound district.	McKellar	do ...	100 00
W. S. Miller.....	Owen Sound to Cape Hurd.....	Owen Sound.....	do ...	100 00
James Muir.....	Point Clark to Cape Hurd, including adjacent islands.....	Port Elgin.....	do ...	100 00
John McFayden.....	Head waters of Saugeen River, and tributaries.....	Durham.....	do ...	40 00
C. McKinnon.....	Kettle Point to Point Clarke, Lake Huron.....	Goderich	do ...	100 00
David McMaster.....	Baby's Point, on River St. Clair, to Kettle Point, on Lake Huron.....	Sarnia.....	do ...	200 00
James W. Raymond.....	Lake St. Clair.....	Mitchell's Bay.....	do ...	50 00
E. Moody.....	North Branch, Sydenham River, from its junction with the main river, at Wallaceburg, to its source.....	Wanbano.....	do ...	50 00
James McCarron.....	Sydenham River and tributaries.....	Wallaceburg.....	do ...	100 00
Robert McCann.....	Thames River, from Thamesville to London.....	London.....	do ...	250 00
Thomas Brady.....	Thames River, from Lewisville to Cashmere.....	Bothwell	do ...	40 00
John McQueen.....	Mouth of Thames River to Lewisville.	Chatham	do ...	75 00
John Quenneville.....	Lake St. Clair, from Stony Point to division line between Dover East and West, including mouth of River Thames.....	Stony Point.....	Warden ...	20 00
John Boismier.....	Baptiste Creek, on Lake St. Clair, to mouth of Detroit River.....	Sandwich.....	Overseer..	300 00
John Prosser.....	Lake Erie, from mouth of Detroit River to Point Pelée.....	Leamington.....	do ...	100 00
James Cummins.....	Point Pelée Island.....	Kingsville.....	Warden ...	50 00
John McMichael.....	Lake Erie frontage, County of Kent.....	Rond Eau.....	Overseer..	50 00
James McBride.....	Lake Erie frontage, County of Elgin.	St. Thomas.....	do ...	50 00
Carried forward.....				2,575 00

SCHEDULE of Fishery Officers in the Dominion, &c.—Continued.

PROVINCE OF ONTARIO—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary \$ c
	Brought forward.....			2,575
David Sharp.....	That part of the Counties of Norfolk and Haldimand fronting on Lake Erie, and extending from the division line between the Counties of Elgin and Norfolk to the division line between the Townships of Rainham and South Cayuga.....	Port Ryerse.....	Overseer..	200
W. A. McCrae.....	Grand River from mouth to Caledonia, and that part of Lake Erie extending from South Cayuga to Moulton Bay.....	Dunnville.....	do ...	100
W. P. Croome.....	Grand River and its tributaries, from Brantford upwards.....	Brantford.....	do ...	100
John W. Kerr.....	Whitby Harbour to Moulton Bay.....	Hamilton.....	do ...	500
Peter Price.....	Long Point.....	St. Williams.....	do ...	50
W. D. Pollock.....	Twelve and Sixteen Mile Creeks, County of Halton.....	Bronte.....	Warden ...	30
Andrew Hughson.	River Credit, from Orangeville to Norval, together with the Townships of Mono, East Garafraxa, Albion, Amaranth, Luther and Caledon to Church's Mills Cataract.....	Orangeville.....	Overseer..	50
Wellington Hull..	Rivers Credit and Speed, with their tributaries, in the Townships of Eramosa, Erin, Carleton and Esquenessing.....	Erin.....	do ...	50
Alex. Blakely.....	River Credit, from mouth of river up to Norval.....	Port Credit.....	do ...	
Charles Gilchrist..	Rice Lake and that part of Lake Ontario, fronting on the County of Northumberland.....	Harwood.....	do ...	400
Nelson Simmons...	Trent River, Counties of Northumberland and Hastings.....	Meyersburg.....	do ...	100
Jos. Redmond.....	County of Prince Edward.....	Pictou.....	do ...	300
Charles Wilkins...	Waters of the Bay of Quinté, fronting on the County of Hastings, and from Carrying Place eastward to Mill Point, County of Prince Edward.....	Belleville.....	do ...	400
A. D. Sills.....	Lake shore and inland waters, County of Lennox and Addington, including Amherst Island.....	Napanee.....	do ...	150
Peter Kiel.....	Wolfe Island.....	Wolfe Island.....	do ...	200
Nassau Acton.....	Gananoque River and the St. Lawrence River, from Wolfe Island to Jackstraw Lighthouse.....	Gananoque.....	do ...	100
Thomas Merritt...	Townships of Storrington, Pittsburg and Kingston, County of Frontenac.....	Kingston.....	do ...	100
John Cox.....	Howe Island.....	Howe Island.....	do ...	50
John Mooney.....	Brockville to Cornwall.....	Prescott.....	do ...	200
John Wallace.....	Rockport to Gananoque.....	Lansdown.....	Warden...	50
Henry Hunt.....	Larue's Island.....	Rockport.....	do ...	20
William Pool.....	Brockville to Rockport.....	Grenadier Island.....	Overseer..	50
T. McGarity.....	Counties of Stormont and Glengarry.....	Cornwall.....	do ...	50
O. Miron.....	South Nation River, County of Prescott.....	Curran.....	do ...	30
	Carried forward.....			5,850

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF ONTARIO—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....	.....	.....	5,855 00
m. Boucher.....	Waters of Co. Carleton	South March.....	Overseer ..	250 00
ch Acheson.....	Lower Allumette and Coulouge Lakes	Westmeath	do ...	25 00
hn Grant.....	Upper Allumette to Des Joachims, including Petawawa River	Forester's Falls.....	do ...	100 00
idrew, Telfer.....	Bonnechère River and Lakes, County Renfrew	Bristol Corners, Que... ..	do ...	50 00
L. Russell.....	Bonnechère River	Renfrew	do ...	25 00
o. R. McDonald.....	Madawaska River	Clontarf	do ...	50 00
os. McKibbin.....	Miakami Doré Lakes, Co. Renfrew ..	Rganville.....	do ...	25 00
o. Douglas.....	Muskrat Lake and Snake River, Co. Renfrew.....	Snake River	do ...	25 00
hn Smith.....	Lake des Chats, from Portage du Fort to Fitzroy Harbour	Renfrew	do ...	50 00
seph Belanger ..	Calabogie Lake and inland waters of Township of Bagot, County Ren- frew	High Falls	do ...	25 00
hn McMullen	Mattawa River and Lake Nipissing ...	Nipissing	do ...	200 00
hn Murphy.....	Co. Lanark, Rideau Canal and Lakes.	Burgess, Perth P. O....	do ...	50 00
braim Deacon.....	River Tay, Co. Lanark	Bolingbroke	do ...	100 00
mes McFadden ..	Mississippi River and Lake	Carleton Place.....	do ...	30 00
W. Mills	Rideau River and Canal.....	Smith's Falls	do ...	50 00
o. Jeacle.....	Rideau Lakes	Westport	do ...	100 00
m. Hicks	Upper and Lower Beverley Lakes ..	Farmersville.....	do ...	50 00
hn A. Cameron.....	Townships of Bedford, Hinchinbroke, Olden and Oso, County of Frontenac	Westport	do ...	100 00
y. B. Purcell.....	Townships of Camden, Portland, Loughboro', Sheffield and Kennebec, County of Addington.....	Colebrook	do ...	100 00
bt. Gilbert.....	Townships of Palmerston, Clarendon, North and South Canoto and Mul- ler, County of Frontenac	Ompah	do ...	100 00
. H. Johnston....	Charleston Lake, Gananoque Lake and River	Farmersville.....	do ...	75 00
mes Greer.....	Gananoque River	Warburton	do ...	40 00
orge Cochrane.....	Inland waters, Co. Peterborough, in- cluding Pigeon, Deer, Salmon- Trout, Stony, Sturgeon and Che- mung Lakes	Lakefield	do ...	250 00
hn Dauncey.....	Upper Division or East Riding, Co. Peterborough, comprising waters of Gull and Burnt Rivers and tribu- taries, together with Drag, Eagle, Moose, Redstone, Crooked and other lakes within such limits	Minden	do ...	100 00
R. Graham.....	Inland waters, N.R., County Victoria, north of Sturgeon Lake, and above Fenelon Falls	Victoria Road	do ...	100 00
o. B. McDermott ..	Lake Scugog, including Lindsay or Scugog River to its mouth	Port Perry	do ...	200 00
S. Saunders.....	Lake Simcoe and its tributaries.....	Barrie	do ...	150 00
m. Hastings.....	Lake Simcoe, from Cook's Bay to Beaverton	Roach's Point	do ...	50 00
G. Dalton.....	Lake Couchiching and Severn River, Co. Simcoe and Ontario	Orillia	do ...	50 00
m. McDermott ...	County Simcoe, South Riding.....	Beeton	do ...	50 00
	Carried forward .....	.....	.....	8,425 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF ONTARIO—*Concluded.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ ct.
	Brought forward.....			8,425 0
Wm. E. Foot.....	Lakes Muskoka. Rossean, Joseph, Lake of Bays and the Magnetawan River.....	Bracebridge.....	Overseer..	125 0
C. E. Roper.....	North Branch of Muskoka River and Mary Lake to Nipissing Road.....	Port Sydney.....	do ...	100 0
W. R. Jelly.....	County of Wellington.....	Bowling Green.....	do ...	40 0
W. Helliwell.....	County of York.....	Highland Creek.....	do ...	100 0
	Total.....			8,790 0

PROVINCE OF QUEBEC.

Wm. Wakeham...	Lower St. Lawrence River and Gulf..	Gaspé Basin.....	} Officer in charge of Fisheries Protec- tion Service in Gulf and Lower St. Lawrence.	} 1,200 0
L. P. Huot.....	Lakes Philippe, Gagné, and adjacent lakes, and the Island of Orleans....	St. Roch, Quebec.....		
U. Bhéreur.....	River du Gouffre to Canard River, including inland lakes adjacent to Murray Bay and St. Paul's Bay.....	Murray Bay.....	do ...	50
Henri Côté.....	Lakes in rear of Murray Bay and Bay St. Paul.....	Bay St. Paul.....	Warden ...	30
Edouard Martin..		do	do ...	30
Jos. Simard.....	Counties of Chicoutimi and Saguenay	St. Agnes.....	do ...	40
Antoine Filion..		Bay St. Paul.....	do ...	30
Jos. Radford.....	Grand Bay.....	Tadoussac.....	Overseer..	200
Jacques Girard...	Lake St. John.....	Grand Bay.....	Warden ...	100
Romuald Maltais...	do	Alma.....	do ...	50
Chas. Potvin.....	Lake St. John and tributaries, Upper Saguenay.....	Roberval.....	do ...	50
Job Bilodeau.....	Escoumains to Bersimis.....	Metabetchouan.....	do ...	50
Joseph Boily.....	North Shore River St. Lawrence, from Point des Monts to Baie des Roch- ers, including Trinity and Pentecost Rivers.....	Mille Vaches.....	do ...	50
J. O. Belanger	Western Division Natashquan, includ- ing Rivers Agwanus, Nabissippi and Natashquan.....	L'Islet	do ...	150
G. Mathurin.....	Esquimaux Point to Sheldrake River..	Montmagny.....	do ...	200
G. L. Duguay.....	Washeccootai Division, comprising the Rivers Kegas ha, Musquaroc, Washeccootai and Olomanosheeboo	Murray Bay.....	do ...	150
W. McLeod.....	Moisie District, from Point Jambon to Point St. Charles, including Moisie River.....	Ste. Catherine.....	do ...	100
T. Mignault.....	St. Augustine Division, from Cape Whittle to Checatica.....	Montmagny.....	do ...	200
J. Legouvé.....		Gaspé Basin.....	do ...	100
	Carried forward.....			2,860

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF QUEBEC—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward ..			2,880 00
H. Whitely.....	Bonne Espérance Division, from Che- matica to Blanc Sablon	Bonne Espérance.....	Warden ...	100 00
t. Chevrier	Magdelan Islands.	Amherst	Overseer..	100 00
as. Ascah.....	Anticosti Island .....	.....	do ...	50 00
A. Verge	The estuary division of the Risti- gouche River.	Cross Point.....	do ...	300 00
ch. Archibald ...	The fluvial division of the Ristigouche River and its tributaries	Matapedia	do ...	200 00
in Cullen.	Paspebiac Point to Magnasha Point...	Carleton.	do ...	200 00
an Phelan	Point Maquereau to Paspebiac Point...	Port Daniel.....	do ...	50 00
Vibert, juu	York, Dartmouth and St. John Rivers Gaspé Basin to Point Maquereau...	Gaspé Basin.....	do ...	200 00
J. Letourneau...	Cape Chatte to River Ste. Anne des Monts	Ste. Anne des Monts ...	do ...	100 00
E. Saucier.....	From River Blanche to Cape Chatte, including Matane River.	Matane	do ...	100 00
E. Grondin'.....	Rimouski to River Blanche	Rimouski.	do ...	100 00
Martin.....	Pointe à la Loupe, Green Island, to Rimouski River (same included)....	do	do ...	100 00
es Gauvreau...	River Ouëlle to Pointe à la Loupe, Green Island	Isle Verte	do ...	100 00
C. Caron	Point Lévis to River Ouëlle	L'Islet	do ...	200 00
orge Gagnon	Inland waters, County Temiscouata ..	St. Epiphane	Warden ...	30 00
ileas Dubé.	Lake Temiscouata and neighbouring waters, County Temiscouata	Notre Dame du Lac. ...	do ...	75 00
red Blais	Lake Matapedia and River Matapedia to Causapscal	Causapscal.	Overseer..	100 00
re Latraverse.	That part of the River St. Lawrence bordering on the Counties of Richelieu, Yamaska and Berthier, in the Province of Quebec, including Sorel and adjoining islands.	Sorel	Warden ...	100 00
F. Picotin.....	St. Francis River	Drummondville.	do ...	100 00
W. Austin	Richelieu River and tributaries, from Sorel to St. John	Berthier (<i>en haut</i>).....	Overseer..	400 00
B. Chevalier. ...	Richelieu River, from St. John to Lake Champlain	Iberville.	do ...	150 00
A. Beach	Lake Memphremagog, in the Counties of Stanstead and Brome.	Georgeville.	do ...	100 00
ffé Marchessault	Brome Lake	Knowlton.....	Warden ...	50 00
O. Bourk	Inland waters of County Megantic ...	Somerset.	do ...	75 00
Laberge.....	River Chateauguay, from mouth to village	Chateauguay Basin ...	do ...	50 00
in Kelly.	That part of River St. Lawrence and Lake St. Francis fronting on Coun- ties Beauharnois and Huntingdon ..	Beauharnois	do ...	75 00
E. Luke.....	Missisquoi Bay, in Lake Champlain, and Pike River	Phillipsburg.	do ...	50 00
O. Willis	Waters in Districts of St. Francis.....	Sherbrooke.....	do ...	150 00
B. McDonald. ...	Lake Megantic	Echo Vale.....	do ...	100 00
Veilleux.....	Inland waters of the County of Beauce	St. Ephrem de Tring...	Warden ...	40 00
Mon Lacoursière	Inland waters of the County of Cham- plain.....	St. Tite.....	Overseer..	75 00
Desaulniers ...	Inland waters, Counties St. Maurice and Maskinongé	Shawenegan.....	do ...	75 00
Lambert.	St. Lawrence River, fronting on County St. Maurice	Three Rivers.....	Warden ...	50 00
	Carried forward ..			6,625 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF QUEBEC—*Concluded.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts
	Brought forward.....			6,625 0
Wm. Ritchie.....	Inland waters of County Montcalm ...	St. Donat	Overseer..	75 0
J. L. Martel	Inland waters of County Joliette.....	St. Alphonse.....	do ...	75 0
Jos. Gingras.....	Yamaska River	St. Michel de Yamaska	do ...	25 0
M. Hurteau.....	Verchères and L'Assomption Counties	Contrecoeur.....	do ...	25 0
S. A. Grant	That part of the St. Lawrence River fronting Counties of Berthier and Maskinongé.....	Louiseville.....	Warden...	40 0
Jos. Boivin.....	St. Lawrence River, front Point Beau- det to Côteau Landing, including River Beaudet.....	River Beaudet.....	Overseer..	50 0
John Morris.....	River St. Lawrence around Island of Montreal.....	St. Lambert.....	do ...	200 0
Jos. Lauzon.	River Jesus and Des Prairies.....	Terrebonne.....	do ...	100 0
Toussaint Cloutier	Inland waters of Terrebonne, and part of those of Argenteuil.....	St. Sauveur.....	do ...	100 0
Alexander Beaton.	The inland waters in rear of the County of Argenteuil.....	Lost River P.O., Har- rington.....	do ...	30 0
R. W. Jones	Ottawa River, from Oka to Carillon north side.....	St. Andrews.....	do ...	40 0
Theo. Sabourin	Ottawa River, from Oka to Carillon south side	Rigaud	do ...	100 0
Jos. Marion	County of Ottawa	Hull.....	Overseer..	300 0
Robt. Joynt.....	Lake Beauport, Co. Ottawa	Joynt P. O.....	Warden...	50 0
James Mohr.....	The waters of the County of Pontiac from Ottawa County line west to River Coulonge.....	Ouslow.....	Overseer..	40 0
J. T. Coghlan.....	The waters of the County of Pontiac, from River Coulonge west to Des Joachims.....	Waltham.....	do ...	50 0
	Total.....			7,925 0

PROVINCE OF NOVA SCOTIA.

W. H. Rogers.	Nova Scotia.....	Amherst	Inspector of Fisher- ies.....	1,800
A. O. Bertram	Cape Breton Island.....	North Sydney.....	Fishery Officer.	500
	<i>Annapolis County.</i>			
W. T. Carty.....	Annapolis County.....	Annapolis	Overseer..	120
A. F. Morton.....	Annapolis County	Wilmot	Warden...	25
Geo. Vroom.....	Bear River, south side.....	Bear River.....	do ...	25
Wm. Croscup.....	Bear River, north side.	do	do ...	25
W. A. Rice.....	Annapolis River.....	Bridgetown.....	do ...	25
W. M. Bailey.....	Lovett's Brook	Round Hill.....	do ...	25
M. Riordan.....	Annapolis and Langille Rivers	Annapolis.....	do ...	25
T. R. Ilsey	From Lawrence to County Line	Lawrencetown.....	do ...	25
Albert Bartheaux....	Nictaux river.....	Nictaux Falls.....	do ...	25
	Carried forward.....			2,620

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			2,620 00
	<i>Antigonish County.</i>			
an McDonald....	Antigonish County.....	Doctor's Brook.....	Overseer..	125 00
gus McDonald..	From mouth of Harbour to foot of Marsh, thence up Tracadie stream to lake, from Marsh up to Monastery Brook, including French Settlement Brook and Tarbitts.....	Tracadie.....	Warden...	25 00
R. Aymer.....	From mouth of Harbour to Forks, from thence on the Pomquet River to V. Chisholm's Mills, and from Forks on the Black River to Falls.....	Pomquet Forks, Antigonish	Warden ...	25 00
bert Randall....	From shore to lake.....	Bayfield, W.O.....	do ...	15 00
lin Chisholm....	From Antigonish Harbour to McWilliams or St. Andrew's Bridge.....	Lower South River, Antigonish	do ...	25 00
achlin Cameron	From McWilliam's Bridge to Fraser's Bridge, including Big Brook.....	Upper South River, Antigonish	do ...	30 00
an Cumming....	From Fraser's Bridge to County line at head of lake.....	Upper South River, Antigonish	do ...	20 00
an Dexter	From Antigonish Harbour (foot of Marsh) to Trotter's Mill Brook, thence up said Brook to Trotter's Mill, including both branches of West River and Bailey's Brook	Antigonish	do ...	30 00
onald Chisholm.	From Trotter's Mill Brook to W. Thompson's Dam	Salt Springs, Antigonish	do ...	25 00
ex. Macadam....	From Thompson's Dam to Addington Forks Bridge	West River, Addington Forks, Antigonish...	do ...	25 00
uncan Fraser....	From Pinkeytown Bridge to Stewart's Mill.....	Ohio	do ...	20 00
mes Chisholm ...	From Campbell's Rock, on Pomquet River, to V. Chisholm's Mill on the Eastern Branch and to Alexander McDonald's Mill on the Western Branch	St. Andrew's	do ...	25 00
rch. McDougall.	From John McDonald's (Bun's) Cove, north side of Cape George, to Crobbing Head, St. George's Bay	McNair's Cove, Cape George	do ...	25 00
onald McDonald.	West River, from Forks Bridge to Pinkeytown Bridge, including Jones' River and Beaver River.....	Addington Forks	do ...	25 00
	<i>Cape Breton County.</i>			
ancis Quinan ...	From Low Point to South Head of Cow Bay, and north side of Mira Bay, including Salmon River and Sydney River.....	Sydney	Overseer..	120 00
m. Burke.....	Mira Bridge and Trout Brook.....	Burke's Bridge, Mira River	Warden ...	25 00
	Carried forward			3,205 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ ct
	Brought forward.....			3,205 0
	<i>Cape Breton County—Concluded.</i>			
John McEachen.....	Salmon River.....	Grand Mira, Arichat...	Warden...	25 00
Donald McDonald.....	Sydney River and Forks.....	Sydney Forks.....	do...	45 00
Alex. McLean.....	Mill Brook.....	Mill Brook.....	do...	20 00
York Barrington.....	North of East Bay to Head of Sydney River, including part of Boularderie Island.....	Sydney Mines.....	Overseer..	120 0
Alex. McDonald.....	South of East Bay to Salmon River.....	East Bay.....	do...	120 0
Allan McAdam.....	Eskasoni.....	Eskasoni.....	Warden...	25 00
Angus Morrison.....	Marion Bridge, Mira.....	Marion Bridge, Mira...	do...	25 00
M. McLellan.....	Rory Brack's Brook.....	Rory Brack's Brook...	do...	25 00
P. Keefe.....	North-West Brook, Grand Lake and tributaries.....	Lingan.....	do...	25 00
Donald McCormack.....	Leitch's Creek and George's River...	Leitch's Creek, W.O.	do...	25 00
D. J. McNeil.....	Benacadie River, emptying into Bras d'Or.....	Benacadie River.....	do...	25 00
Arch. McDonald.....	Ball's Creek.....	Ball's Creek.....	do...	20 00
	<i>Colchester County.</i>			
R. J. Pollock.....	Stewiacke River (lower portion).....	Lower Stewiacke.....	Overseer..	75 00
T. Johnson.....	Salmon River.....	Salmon River, Truro...	Warden...	25 00
George Fulton.....	Stewiacke River (upper portion).....	Stewiacke River, Brook- field.....	do...	25 00
H. Gass.....	Northern Division County Colchester, comprising Tatamagouche Bay, French and Waugh's River.....	Tatamagouche.....	Overseer..	50 00
J. W. Davison.....	Colchester County, Western Division	Upper Economy.....	do...	100 00
Daniel McKay.....	Waugh's River.....	Tatamagouche River...	Warden...	40 00
Robt. R. Fulton.....	De Bert River.....	Folly Village.....	do...	25 00
George Moore.....	Economy River.....	Economy.....	do...	25 00
Mat. G. Murray.....	Salmon River.....	Truro.....	do...	25 00
William Winton.....	Lower Stewiacke River.....	Lower Stewiacke.....	do...	25 00
Alfred Wright.....	do do.....	do.....	do...	25 00
Henry Flair.....	Eastern Division, County Colchester.	North River.....	Overseer..	100 00
Henry Urquhart.....	Folly River.....	Folly Village.....	Warden...	25 00
Samuel Frame.....	Shubenacadie River and Gay's River.	Shubenacadie River...	do...	25 00
Edw. Rutherford.....	Stewiacke River.....	Stewiacke.....	do...	25 00
Hilbert Corbett.....	Harrington and North Rivers.....	Five Islands.....	do...	25 00
Jesse Fulmer.....	East and Bass Rivers.....	do.....	do...	25 00
	<i>Cumberland County.</i>			
G. W. Gilroy.....	Cumberland County Eastern Division, embracing all streams emptying into the States of Northumberland.....	Oxford.....	Overseer..	100 00
Thos. R. Smith.....	Shinimicas River.....	Shinimicas River.....	Warden...	25 00
Elijah Fowler.....	Cumberland County, Western Division, including all streams flowing into the Bay of Fundy.....	Amherst.....	Overseer..	130 00
Isaac Logan.....	Laplace and Nappan Rivers.....	do.....	Warden...	25 00
Moses Harrison.....	Maccan River.....	Maccan, W.O.....	do...	25 00
Jos. Porter.....	River Hebert.....	River Hebert.....	do...	25 00
Francis L. Jenks.....	Parrsboro' Head.....	Parrsboro'.....	do...	25 00
	Carried forward.....			4,725 0

SCHEDULE of Fishery Overseers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward .....	.....	.....	\$ cts. 4,725 00
	<i>Cumberland County—Concluded.</i>			
W. Morphy	Wallace River	Wallace	do ...	30 00
Samuel McPeerson	Pugwash River	Pugwash River	do ...	25 00
Amey Smith	Apple River	Advocate Harbour	do ...	25 00
	<i>Digby County.</i>			
W. Hanley	Digby County	Digby	Overseer..	120 00
Graham L. Gavil	Joggins River	do	Warden ...	25 00
John McKinlay	St. Mary's Bay	St. Mary's Bay, W.O.	do ...	25 00
Bert Journey	Sissaboo River	Weymouth	do ...	25 00
J. A. Collins	Western Division of Digby County, Long and Brier Islands	Westport	Overseer..	120 00
	<i>Guysborough County.</i>			
James A. Tory	Guysborough County	Guysborough	Overseer..	150 00
James Cook	Salmon River, from mouth to Gra- ham's West Line	Salmon River, W.O.	Warden ...	25 00
James McEllum	From Graham's West Line to foot of Neil's Lake, including North Branch and Lake	do ..	do ...	25 00
Charles Kenny	From foot of Neil's Lake to Beaver Dam Lake, inclusive, and all the lakes through which it passes	Salmon River, West Branch, Guysboro'	do ...	15 00
Donald Gunn	From mouth of Scott's Place to County Harbour Lake, including Gunn's Brook, from Man River to Hurley's Lake	Cross Roads	do ...	30 00
William Pride	From mouth of St. Mary's River to Sinclair Point, including stream from Wine Harbour to Lake	Sherbrooke, St. Mary's	do ...	30 00
Thomas McKeen	From Forks to County Line, includ- ing McQueen's Mill and Brook, to Lake	Melrose	do ...	30 00
W. Smyth	From Forks to Indian Man's Brook ..	West River	do ...	25 00
Bert McKay	From head of tide to head of Inter- vale on the North Branch, and to Cameron's Mill, on the Valley Branch	Guysborough, Inter- vale, W.O.	do ...	15 00
James R. Bruce	From mouth of Clam Harbour River to Upper Fall	Guysborough	do ...	10 00
A. McDonald	St. Mary's River	St. Mary's River, Sher- brooke	do ...	40 00
John McQuarrie	District of St. Mary's	Sherbrooke	Overseer..	100 00
John Kirk	St. Mary's River, extending from Alex. Ross' (above still waters) to Hugh Halters, on the West River	Glenelg	Warden ...	30 00
John McDonald	St. Mary's River	Stillwater	do ...	25 00
McC Sinclair	From Sinclair to Headwater	Goshen	do ...	20 00
John Harpell	From mouth to head of Indian River ..	Indian River, St. Mary's District	do ...	15 00
	Carried forward .....	.....	.....	5,705 00

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			5,705 00
	<i>Guysborough County—Concluded.</i>			
D. Cameron, sen...	West River, St. Mary's, from Wallace Bridge to head of River.	Upper Caledonia	do ...	20 00
Frederick Mattie...	Tracadie River, in Counties of Guys- borough and Antigonish	Tracadie, County of Antigonish	do ...	15 00
Angus Cameron ...	East River, St. Mary's	East River.....	Warden ...	25 00
John Jones	Mouth of Salmon River.....	Mouth of Salmon River	do ...	25 00
James Henderson ..	Isaac Harbour and River	Isaac Harbour	do ...	25 00
Samuel Hudson (Lewis' son).....	County Harbour River, from Bridge at Narrows to mouth.....	County Harbour	do ...	25 00
Jas. Harrigan, jun	Cole Harbour River.....	Cole Harbour.....	do ...	25 00
O. T. Frazer.....	Ecum Secum River.....	Ecum Secum.....	do ...	25 00
	<i>Halifax County.</i>			
Isaac Gaetz	Halifax County, East Division, Dart- mouth to Ecum Secum.....	Musquodoboit Harbour.	Overseer..	150 00
James Blakely.	From Ship Harbour to Chezzetcook, inclusive	Ship Harbour.....	Warden ...	30 00
Nathaniel McKiel ..	Sheet Harbour	Sheet Harbour.....	do ...	40 00
John Fitzgerald ...	Halifax Harbour to Margaret Bay, Portuguese Cove.....	Portuguese Cove.....	Overseer..	150 00
Archibald Kidston	From Peggy's Cove to Terrence Bay, Nine Mile and Prospect Rivers.....	Spryfield	Warden ...	40 00
Nathaniel Mason...	From Hubert's to Peggy's Cove, Mar- garet Bay, Ingraham and Indian Rivers.....	Margaret Bay, Peggy's Cove, W O	do ...	75 00
Daniel Mosher	Cow Bay Run.....	Cow Bay, Dartmouth ..	do ...	20 00
Donald McCleam...	Chezzetcook River	Chezzetcook River.....	do ...	20 00
Jas. E. Whisman...	Salmon River	Salmon River.....	do ...	30 00
Geo. McLeod	Middle Musquodoboit.....	Middle Musquodoboit..	do ...	30 00
P. Hughes.....	Tangier River	Tangier River.....	do ...	25 00
Hy. A. Chatford ...	Pennant River.....	Hubbard's Cove	do ...	40 00
Robt. Stevens.....	Musquodoboit Harbour	Musquodoboit Harbour	do ...	30 00
Wm. Burris.....	Little Musquodoboit River.....	Little Musquodoboit River	do ...	30 00
Chas. G. Henry...	Upper Musquodoboit	Upper Musquodoboit River	do ...	30 00
John Frazer	Moser's River and Ecum Secum and Smith's Brook	Moser's River.....	do ...	30 00
Geo. Keizer	Lake Porter and streams	Lake Porter	do ...	30 00
Wm. Geo. Walker.	Little Salmon River	Little Salmon River, Preston Road.....	do ...	20 00
James Crook	Big Salmon River, or Lawrencetown River	Lawrencetown.....	do ...	25 00
F. G. Tolson.....	Sackville River	Sackville River.....	do ...	40 00
	<i>Hants County.</i>			
P. S. Burnham ...	Hants County, Western Division, from Western County Line to Waiton....	Windsor.....	Overseer..	100 00
John B. Colter.....	Shubenacadie River	Milford.....	do ...	30 00
	Carried forward			6,915 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....			6,915 00
	<i>Hants County—Concluded.</i>			
James Mosher.....	Rivers Meander and Hebert, from mouth to source	Brooklyn	Warden ...	30 00
B. O'Brien	East Division, from Walton to Col- chester Line.....	Maitland.....	Overseer..	100 00
Joseph Mosher.....	Kennetcook River, from mouth to head of tide.....	Newport	Warden ...	50 00
James M. O'Brien..	Walton and Kennetcook Rivers.....	Maitland	do ...	30 00
	<i>Inverness County.</i>			
James Coady.....	Inverness County, East Division.....	S. W. Margaree	Overseer..	100 00
David Ross.....	do do	N. E. Margaree	do ...	100 00
James McDaniel	From mouth of Margaree River to South-west Chapel.....	Forks, Margaree, W.O.	Warden ...	25 00
Neil McKay.....	Upper waters and tributaries, Mar- garee River	S. W. Margaree River..	do ...	25 00
F. McLean.....	Inverness County, Western Division.	Port Hastings.....	Overseer ..	150 00
James Benvie.....	Mabou River.....	Mabou, Brook Village..	Warden ...	25 00
B. McDonald.....	River Dennis.....	River Dennis, W.O.....	do ...	25 00
David Dowling.....	River Inhabitants.....	Riverside.....	do ...	25 00
James McEachern..	do	do	Overseer..	100 00
John McLean.....	Big River	Strathborn	Warden ...	25 00
James Cameron	do	S. W. Mabou	do ...	25 00
James Murphy.....	Ainslie Lake.....	N. E. Margaree	do ...	25 00
Angus McKinnon	Crowdis Bridge to head of river	Judique	do ...	25 00
James McDermid..	From his own residence to Big Inter- vale.....	N. E. Margaree	do ...	25 00
Mark Crowdis	From Bridge to Forks, North-east Margaree River	Big Intervale	do ...	25 00
William Hart, jun.	From Crowdis Bridge to Warden McDermid's residence.....	N. E. Margaree... ..	do ...	25 00
William McLennan (John's Son).....	River Dennis and Basin	River Dennis	do ...	25 00
Alcolm McKay.....	Trout River.....	Lake Ainslie.....	do ...	20 00
Angus McFarlane (Angus' Son).....	Upper South-west Margaree Rivers...	Upper S. W. Margaree River.....	do ...	25 00
John P. McFarlane	Margaree Harbour.....	Margaree	do ...	25 00
Stephen Graham...	Long Point and Judique Rivers.....	Long Point.....	do ...	25 00
	<i>King's County.</i>			
James S. Miller ...	King's County.....	Canning.....	Overseer... ..	125 00
James McIntyre.....	Annapolis River.....	Aylesford.....	Warden ...	50 00
F. Reid	King's County.....	Wolfville.....	Overseer... ..	125 00
E. Bishop	Gaspereaux River.....	Barton	Warden ...	30 00
James Angus.....	do	do	do ...	30 00
Philip Brown.....	Blomidon	Blomidon	do ...	30 00
W. Thorpe	Hall's Point to Cape Split.....	Hall's Harbour.....	do ...	30 00
	Carried forward			8,415 00

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			8,415 0
	<i>Lunenburg County.</i>			
Geo. Redden.....	Lunenburg County, East Division, Middle, Gold, Martin's and Musha- mush Rivers.....	Chester.....	Overseer..	100 0
Jacob Meisener. ...	Eastern River.....	do	Warden ...	25 0
Isaiah Besancon....	Middle River.....	Chester Basin.....	do ...	25 0
David Demon.....	Lower Gold River	Lower Gold River.....	do ...	25 0
John Hutt.....	Middle Gold River.....	Beach Hill, Chester....	do ...	25 0
Edward Boylan....	Gold River, Upper.....	New Ross.....	do ...	25 0
Jas. Langille.....	Martin's River	Chester.....	do ...	25 0
Hy. S. Jost.....	Lunenburg County, West Division....	Lunenburg.....	Overseer..	100 0
Chas. Pernette.....	From mouth of La Have River to Wilkie's Cove.....	do	Warden ...	25 0
C. E. Goddard.....	La Have River.....	Bridgewater.....	Overseer..	50 0
Jas. Mossman.....	From Henry Koch's to Knock's.....	Lunenburg.....	Warden ...	25 0
Geo. Burns.....	Knock's to source of La Have River...	Bridgewater	do ...	25 0
John Andrews.....	Mushamush River.....	Mahone Bay.....	do ...	25 0
Geo. A. Nesbitt. ...	Petite River mouth to Wallace Brook.	Petite River.....	do ...	25 0
Elie Hebb.....	do from Wallace Brook to source.....	Hebb's Cross, West Conquerall.....	do ...	25 0
William Croft.....	East Gold River, from Bongard's Point to Gold River Branch, thence to Clark's, Clinton's and Henry's Lakes	Chester Basin.....	do ...	25 0
J. H. Keddy.....	Larder's River	New Ross.....	do ...	25 0
Patrick Cooney....	East Branch Middle River.....		do ...	25 0
	<i>Pictou County.</i>			
D. G. McDonald....	Pictou County, East Division, includ- ing Sutherland's, French and Bar- ney's Rivers, Bailey's Brook and Shore Fishery, from Pictou Harbour eastward to County Line.....	Lismore	Overseer..	170 0
William Turner....	Barney's River.....	Barney's River, W.O...	Warden ...	25 0
Donald McDonald..	Sutherland's River.....	New Glasgow.....	do ...	25 0
Geo. Foote.....	French River.....	French River.....	do ...	25 0
Donald McLean....	Bailey's Brook.....	Bailey's Brook, W.O...	do ...	30 0
Robt. Sutherland..	Pictou County, West Division, includ- ing Middle, East, West, Cariboo, Toney and John Rivers.....	River John.....	Overseer..	140 0
Wm. McDonald....	French River.....	French River.....	Warden ...	25 0
Peter Campbell....	East River.....	New Glasgow.....	do ...	25 0
Alex. Douglas.....	Middle River.....	Middle River.....	do ...	25 0
Thos. Cameron....	West River.....	do	do ...	25 0
John McKay.....	River John.....	River John.....	do ...	25 0
Geo. McKenzie....	Cariboo River.....	Lower Cariboo River...	do ...	25 0
D. A. Murray.....	Barney's River, from McDonald's Bridge to Head.....	Avondale.....	do ...	25 0
Samuel Frazer.....	Grant's Factory to East Branch Lake.	Bridgeville.....	do ...	25 0
Donald Frazer.....	Fork and West Branch Lake.....	Hopewell.....	do ...	25 0
Chas. Macdougall..	East River of St. Mary's and Garden Lake.....	Garden of Eden.....	do ...	20 0
Thomas Fraser.....	East River, from Tide Head to Grant's Factory.....	Island Hopewell.....	do ...	25 0
	Carried forward.....			9,725 0

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Continued.

Name.	District.	Address.	Overseer, or Warden.	Salary.
				\$ cts.
	Brought forward .....	.....	.....	9,725 00
	<i>Pictou County—Concluded.</i>			
Ian Cameron....	East Branch Barney's River, from Sutherland's Marshy Hope to Bar- ney's River.....	Barney's River.....	Warden ...	25 00
G. Pritchard....	Central Pictou County, including Middle, East and West Rivers.....	New Glasgow.....	Overseer...	150 00
	<i>Queen's County.</i>			
T. N. Sellon....	Queen's County.....	Liverpool.....	Overseer..	225 50
edossius Ford....	Milton Bridge up to Port Liverpool River.....	Milton.....	Warden ...	60 00
hn Fitzgerald....	From Steam Mills to Salter's Falls on Port Medway River.....	Mill Village.....	Overseer..	70 00
rnabas Miles....	Salter's Falls to Pawn Hook, on Port Medway River.....	Greenfield, W.O.....	Warden ...	30 00
	<i>Richmond County.</i>			
uncan-Cameron..	Eastern Division, from River Bour- geois to East Boundary of County, including said river.....	St. Peters.....	Overseer..	125 00
hn Murchison....	Grand River.....	Grand River, W.O.....	Warden ...	30 00
ancis Marmeau..	Western Division, from River Bour- geois to West Boundary of County.	Arichat.....	Overseer..	125 00
W. Grouchy ...	Descousse River.....	do	Warden....	20 00
hn Procter, sen..	Inhabitants River.....	Port Hawkesbury.....	do ...	20 00
abraham Sampson	Petit de Grat Inlet.....	Petit de Grat.....	do ...	30 00
stinian Sampson	L'Ardoise.....	L'Ardoise	do ...	30 00
arles Grant.....	River Inhabitants.....	River Inhabitants.....	do ...	30 00
lan McRae.....	West Bay, Black River	West Bay.....	do ...	30 00
arquhar McPher- son.....	River Moulin.....	River Moulin, Gran- digue Ferry, W.O....	do ...	30 00
atrick Kyte.....	River Tier.....	River Tier, St. Peters..	do ...	25 00
elix Gerroir.....	Grand Ruisseau.....	Grand Ruisseau, Ari- chat.....	do ...	25 00
William Kehoe....	False Bay and Preen's Brook.....	River Bourgeois, W.O..	do ...	25 00
	<i>Shelburne County.</i>			
m. John McGill..	Shelburne County	Shelburne.....	Overseer..	125 00
Greenwood.....	Round Bay River and Indian Brook...	Clyde River, W.O.....	Warden ...	20 00
mothy Archer....	Birchtown River.....	Birchtown	do ...	30 00
orge Ryer.....	Roseway River.....	Shelburne	do ...	50 00
A. Holden.....	Ogden's Brook and Indian River.....	Jordan River.....	do ...	50 00
erry Ackerman...	Green Harbour.....	Ragged Island, Locke's Island, W.O.....	do ...	20 00
Crowell.....	Barrington River.....	Barrington.....	do ...	20 00
G. Nichol.....	Clyde River.....	Clyde River	do ...	20 00
T. Goudy.....	do to Yarmouth County Line	Barrington..	Overseer..	75 00
	Carried forward.....	.....	.....	11,260 00

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NOVA SCOTIA—Concluded.

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ ct
	Brought forward.....			11,260 00
	<i>Victoria County.</i>			
Malcolm McIntosh.	Victoria County, North Division, from Smoky Head to Bay St. Lawrence..	Ingonish.....	Overseer..	120 00
Donald McRae, jun	Victoria County, South Division.....	Baddeck.....	do ...	120 00
Murdock McRae....	River St. Ann's.....		Warden ...	30 00
John McLellan.....	Middle River	Middle River, W.O., Baddeck	Warden ...	25 00
Jno. McRae (Rory's son).....	Middle River, Upper Settlement.....	McLeod, W.O.....	do ...	25 00
Donald McQuarrie	do	Baddeck.....	do ...	25 50
Chris. McKenzie...	do	do	do ...	25 00
Donald McMillan...	Baddeck River.....	do	do ...	25 00
Donald McAuley...	do	do	do ...	25 00
Donald McRae.....	Baddeck River and tributaries	do	do ...	25 00
Frs. McGregor.....	Entrance of Baddeck River	Hunter's Mountain, W.O	do ...	25 00
Angus McDouald...	Washabuck River	Washabuck River	do ...	30 00
Kenneth McRae....	Indian Brook	Middle River.....	do ...	30 00
Roderick Beaton...	Hume's River.....	McNaughton's, W.O ...	do ...	30 00
William Foyle.....	Peter's Brook	Baddeck River.....	do ...	30 00
Donald Finlayson.	Upper Settlement	Middle River.....	do ...	25 00
Donald Bochaman.	Barachois River.	Barachois River.....	do ...	30 00
Malcolm McIver....	Indian Brook	Indian Brook.....	do ...	30 00
Arch. McDonald ...	North Harbour.....	North Harbour.....	do ...	25 00
Thos. Capstick	Salmon River, Bay St. Lawrence	Bay St. Lawrence, W.O.	do ...	25 00
Jos. Hellen	Cape North.....	Cape North.....	do ...	30 00
John McPherson....	Aspy Bay	Aspy Bay	do ...	25 00
Donald McRae.....	Red Head, Baddeck.....	Red Head, Baddeck....	do ...	25 00
Andrew Watson ...	Baddeck River.....	Baddeck	do ...	25 00
Thos. Donovan ...	Colyburn Brook	Ingonish	do ...	25 00
	<i>Yarmouth County.</i>			
Enos Gardner	Yarmouth County.....	Tusket	Overseer...	150 00
J. A. Hatfield	From Lower Narrows, Tusket River, to County line	do	Warden ...	50 00
William Kavanagh	Gurill's Bridge to Coldstream.....	do	do ...	25 00
Eustach. Nickerson	Salmon River	Yarmouth].....	do ...	25 00
Edward Perry.....	Little River	do	do ...	25 00
Jérôme Doucet	Tusket River	Tusket	do ...	30 00
Vital Mius.....	Tusket Forks	Tusket Forks.....	do ...	25 00
Joseph M. White...	Eel Lake	Eel Lake	do ...	25 00
Wm. Thurston, sen.	Cheggoggin River.....	Cheggoggin River	do ...	25 00
J. I. Brand.....	Pubnico and Argyle	West Pubnico	do ...	25 00
Geo. H. Robertson	Sea shore from Cheboque Point to Digby County line.....	Yarmouth	do ...	100 00
James Jeffery.....	From Cheboque Point to Cheggoggin Point	Overton	do ...	25 00
Jacob E. Cann.....	From Burn's Point to Digby County line	Maitland	do ...	25 00
	Total			12,670

SCHEDULE of Fishery Officers in the Dominion—*Continued.*

PROVINCE OF NEW BRUNSWICK.

Name.	District.	Address.	Overseer or Warden.	Salary. \$ cts.
H. Venning....	New Brunswick.....	St. John, N.B.....	Inspt'r of Fisheries.	1,800 00
	<i>Albert County.</i>			
utherland Stewart	County of Albert.....	Alma	Overseer..	100 00
Wallace Taylor....	Petitcodiac River	Coverdale	Warden ..	40 00
McLatchey	Mouth of Petitcodiac River and Dorchester Bay	Hillsboro'	do ..	40 00
E. Kinne.....	Germantown Lake and Shepody River	Hopewell Corner	do ..	40 00
Artlet Oliver	Rocher Bay.....	Waterside.....	do ..	40 00
	<i>Carleton County.</i>			
lex. G. Lindsay...	Miramichi River (S.W.) from Head Waters to Forks.	Foreston	Overseer..	150 00
eo. R. Burt.....	St. John River and tributaries, from Long's Creek to Tobique River.....	Upper Woodstock.....	do ..	100 00
W. Scott.....	St. John River, from Eel River to Woodstock	Canterbury	Warden ..	30 00
	<i>Charlotte County.</i>			
L. Cunningham	Inner Bay of Passamaquoddy	Chamcook, W.O.....	Overseer..	70 00
artholem. Brown.	Campo Bello and West Isles, with coasts and streams in Charlotte Co.	Campo Bello.....	do ..	100 00
runk Todd.....	St. Croix River and tributaries.....	St. Stephen	do ..	120 00
B. McLaughlin	Grand Manan Island and spawning grounds	Grand Manan.....	do ..	240 00
amuel Dick.....	St. George to Beaver Harbour	La Tête, W.O.....	Warden ..	30 00
obert Dixon	Seeley's Cove to Lepreaux.	Lepreaux.....	do ..	30 00
eonard Best.....	East District, from La Tête to Lepreaux	Beaver Harbour, W.O..	Overseer..	100 00
M. Lord.....	Deer Island.....	Deer Island	do ..	70 00
ndrew Gilmour..	Northern Head, Grand Manan	Grand Manan.....	Warden ..	30 00
Edward Carroll....	Whitehead Island	do	do ..	30 00
thomas Holmes...	West side Deer Island	Deer Island	do ..	30 00
	<i>Gloucester County.</i>			
ames Hickson	River Nepisiguit and tributaries, with sea coast and streams from Belledune River to Grindstone Point.....	Bathurst	Overseer..	350 00
uste Haché.....	Oyster beds in County, Caraquet and Shippegan.....	Caraquet	do ..	100 00
Muzzeroll.....	Coast from County line to Green Point, including Big and Tracadie Rivers.....	Tracadie	Warden ..	30 00
ames Walsh.....	Pokemouche.....	Pokemouche.....	do ..	30 00
édéric Comeau...	Petit Rocher, from Belledune to Mill Stream	Petit Rocher.....	do ..	100 00
iles Dempsey ...	Salmon Beach, from Bass River to Grindstone Point	Salmon Beach	do ..	30 00
im. Coughlan....	Grindstone Point to Grand Anse.....	Grand Anse	do ..	30 00
Adolphe Haché	Shippegan	Shippegan.....	do ..	100 00
V. Rogers...	Tête-à-gauche River	Tête-à-gauche, Bathurst	do ..	25 00
	Carried forward.....			3,935 00

SCHEDULE of Fishery Officers in the Dominion—Continued.

PROVINCE OF NEW BRUNSWICK—Continued.

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward			\$ cts 3,935 0
	<i>Gloucester County—Concluded.</i>			
John Calnan, jun..	That part of River Tête-à-gauche from a mile above the Mill Dam to the source of said river.....	Kinsale	do ...	25 0
Joseph Sewell.....	Pokemouche River.....	Pokemouche.....	Overseer...	50 0
Gustave Cormier...	Caraquet Herring Banks.....	Caraquet.....	do ...	50 0
Joseph Poirier.....	Bay Chaleurs, between Grand Anse and Point Mizzenette.....	Grand Anse	do ...	100 0
Alex. Boyd.....	Little Shippegan to Miscou	Little Shippegan	Warden ...	30 0
	<i>Kent County.</i>			
Charles Cormier...	Cocagne River.....	Cocagne.....	Overseer..	160 0
W. F. Hannah	Richibucto River.....	Richibucto	do ...	75 0
F. B. Leger.....	Little Buctouche River.....	Little Buctouche River	Warden ...	80 0
M. A. Girouard ...	Big do	Buctouche	Overseer..	75 0
James Harnett.....	From the mouth of Nicholas River, on the Buctouche, upwards, including Nicholas River	Weldford.....	Warden ...	80 0
Lazare Guimon. ...	From Kouchibouquacis to Chockfish River	Kouchibouquac.	do ...	80 0
Nicholas Muzzeroll	From Kouchibouquacis River to Point Sapin	do	do ...	50 0
A. L. Collet	Buctouche Bay.....	Buctouche.....	do ...	80 0
A. T. Leblanc	Canaan River	Legerville.	Overseer..	75 0
	<i>King's County.</i>			
Samuel Gosline...	From mouth of Smith's Creek, up- wards.....	Smith's Creek, W.O. ...	Overseer..	100 0
Samuel F. Ryan ...	Mill Stream	Studholm, Apohaqui ...	Warden ...	30 0
James A. Belyea...	St. John River and Belle Isle Bay and streams running thereinto.	Westfield.	Overseer ..	50 0
Samuel Gamblin ...	Washademoak Lake and its tributaries in King's and Queen's Counties.....	English Settlement, Pearson's, W.O.....	Warden ...	30 0
S. Spragg	Belle Isle Bay	Belle Isle.	do ...	50 0
Jonah Keith	North and Canaan River	Havelock.....	do ...	30 0
	<i>Northumberland County.</i>			
Prudent Robichaud	Burnt Church River and tributaries, and Upper Tabusintac River.....	Upper Neguac.	Overseer .	100 0
John Stymast.....	Lower Tabusintac River	Stymast Road, Neguac	do ...	100 0
William Wyse.....	Herring fisheries, Miramichi Bay, and Bass fishing in Napan Bay and Black Rivers.....	Chatham.....	do ...	200 0
Thomas Parker ...	Miramichi River and tributaries, from Beaubair's Island to Blackville....	Newcastle	do ...	100 0
Samuel Holt.....	From lower line of Blackville to Bliss- field.....	Blackville	do ...	160 0
John Hogan	Miramichi River (N.W.) and tribu- taries, from Chatham Ferry, up- wards	Newcastle.....	do ...	400 0
	Carried forward			6,345 0

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NEW BRUNSWICK—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward.....	.....	.....	.....
	<i>Northumberland County—Continued.</i>			
ron Hovey.	Miramichi River (S.W.) and tributaries, from Nelson's to head of Hovey Island.....	Boiestown.....	Warden ..	30 00
orge Bryanton..	From Elm Tree Brook to Squire Underhill's, on the S. W. Miramichi River.....	Derby, W.O.....	do ..	30 00
neth Cameron..	Miramichi River (S.W.) from line of Blissfield to the head waters and tributaries.....	Boiestown.....	Overseer..	100 00
trick Bergin....	From Underhill's to Stephen Mitchell's, on S. W. Miramichi.....	Dumphey, W.O., Parish of Blackville, S.W., Miramichi.....	Warden ...	30 00
omas Smith.....	From lower end of Fingley's Island, on N.W. Miramichi, upwards, and the Big Sevogle.....	North Esk, Red Bank, W.O.....	do ...	30 00
ed Blackmore ..	From lower side of Ox Bow, on the Little South West, upwards.....	do do ..	Overseer..	50 00
trick Gillis.....	Little S. W. River and tributaries.....	do do ..	Warden ...	30 00
nis Hogan.....	Renous River and tributaries.....	Renous Bridge, W.O.....	do ...	30 00
ichael Donovan..	do	do	do ...	30 00
n Shaddick..	Big Sevogle to Square Forks.....	Sevogle.....	do ...	50 00
McDairmid.....	Napan and Black Rivers and tributaries.....	Napan, W.O., Chatham.....	do ...	30 00
n G. Williston..	Bay du Vin River and Bay, with Parish of Hardwick, Fox and other Islands and Stations on South side of Main Channel Miramichi River..	Bay du Vin, W.O.....	Overseer..	100 00
n Noble.....	Miramichi Bay, from Fox Island to Escuminac	Miramichi Bay	do ...	100 00
och A. Bamford	South West Miramichi, within Parish of Blissfield.....	Blissfield	Warden ...	50 00
muel Freeze.....	From Doaktown to Hovey Islands, in the Parish of Blissfield, on the South West Miramichi River.....	Doaktown, Miramichi..	Overseer..	100 00
aniel Mathews....	From lower side of Ox Bow, on Little South West Miramichi, upwards	Little South West Miramichi ..	Warden ...	30 00
t. Morehouse....	Arbo Settlement, Parish of Blackville, South West Miramichi.....	Arbo Settlement	do ...	30 00
Underhill	Coughlan Settlement, Parish of Blackville, South West Miramichi	Coughlan Settlement..	do ...	30 00
n Doyle.....	Tabusintac and Bartibog Rivers.....	Bartibog	do ...	30 00
orge Hubbard..	Whitney Settlement, N. W. Miramichi	North Esk	do ...	50 00
n Blake.....	Miramichi River and tributaries, from Point aux Carr to Middle Island.....	Black Brook.....	do ...	70 00
agus McIntosh...	Miramichi River and tributaries, from Middle Island to Newcastle Ferry..	Chatham Head.....	do ...	30 00
bal Watling.....	Black River and tributaries in the Parish of Glenelg.....	Black River.....	do ...	30 00
muel Kingston..	Upper waters, N.W. Miramichi River, from Rolph's Crossing, upwards.....	.....	do ...	50 00
	Carried forward.....	.....	.....	7,755 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NEW BRUNSWICK—*Continued.*

Name.	District.	Address.	Overseer or Warden.	Salary.
				\$ cts.
	Brought forward .....	.....	.....	7,755 00
	<i>Northumberland County—Concluded.</i>			
James Fitzpatrick.	Black River	Napan	Warden ...	30 00
M. Ryan	North West Miramichi.....	North Esk.....	do ...	30 00
M. Hayes.....	Dungarvon River.....	Renous River.....	do ...	30 00
	<i>Queen's County.</i>			
I. T. Hetherington	From Cole's Island to foot of Washa- demoak Lake.....	Jenkins, W.O. Johnson	Overseer..	100 00
Isaiah Langan.....	Salmon River.....	Chipman W. O. Gas- pereaux.....	do ...	30 00
Robert Philips.....	Head waters, Washademoak Lake.....	.....	Warden ...	25 00
	<i>Restigouche County.</i>			
A. Macpherson... ..	From Belledune to Dalhousie	River Charlo.....	Overseer .	100 00
	<i>Sunbury County.</i>			
G. W. Hoben.	St. John River, Indiantown to County Line of York.....			
W. E. Taylor.	do			
	<i>St. John County.</i>	Burton, W.O.....	Overseer..	100 00
		Sheffield.....	Warden...	30 00
Joseph O'Brien... ..	St. John County.....			
Wm. E. Skillen... ..	Eastern part of St. John County, from Quaco Head to Goose River.	Carleton, St. John.....	Overseer..	150 00
		St. Martins.	do ...	100 00
	<i>Victoria County.</i>			
Thos. D. Ryan... ..	County of Victoria.....			
Jno. McDougall... ..	Three Brooks, Branch of Tobique River.....	Grand Falls	Overseer .	150 00
Jno. C. McCloskey	Salmon River.....	Rocky Brook, Parish of Lorne	Warden ...	30 00
Donald Fraser.....	Tobique River.....	Andover.	do ...	30 00
Thos. Edgar	Middle Division, Tobique River.....	Arthurette, W.O.....	do ...	30 00
J. McNab Cameron	Tobique River.....	Three Rivers.....	do ...	30 00
Magloire Caron... ..	Baker's Lake and adjoining streams...	Tobique River	do ...	30 00
		Caron Brook.....	do ...	30 00
	<i>Westmoreland County.</i>			
W. B. Deacon.....	Shediac Harbour and River.....	Shediac	Overseer..	100 00
D. T. Cormier	Dorchester Bay	Pré-d'en haut.....	do ...	60 00
Robt. Goodwin... ..	The Parishes of Sackville and West- moreland	Bay Verte	do ...	100 00
	Carried forward .....	.....	.....	9,070 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF NEW BRUNSWICK—*Concluded.*

Name.	District.	Address.	Overseer or Warden.	Salary.
	Brought forward.....			\$ cts. 9,070 00
	<i>York County.</i>			
Robert Orr.....	County of York.....	Fredericton.....	Overseer ..	150 00
A. Campbell ...	Grand Pass, on St. John River, up- wards, from Crock's Point to Lower Line of York County, including Nashwaak River.....	Kingsclear, W.O., Fre- dericton.	Warden ...	60 00
B. Cronkhite...	St. John River, from Upper Line of York County to Crock's Point, on River St. John.....	Southampton.....	do ...	60 00
Moir.....	From Price's Bend to Burnt Hill, S.W. Miramichi.....	Bloomfield	do ...	30 00
Cunningham ...	Skiff and Palfrey Lakes.	Canterbury Station. ...	Overseer .	50 00
	Total.....			9,420 00

PROVINCE OF PRINCE EDWARD ISLAND.

H. Duvar	Prince Edward Island.....	Alberton	Inspector of Fish- eries ...	800 00
	<i>Queen's County.</i>			
Michael Ready.....	Winter River	Tracadie	Warden ...	30 00
Michael Garnum.....	do	Winter River.....	do ...	30 00
Van der Stine.....	Vernon River	Vernon River	do ...	30 00
Stephenson.....	New Glasgow River	New Glasgow	do ...	30 00
James Power.....	Huntley and Wheatley Rivers	Hunter River	do ...	30 00
Nathan Delaney.....	New London	New London.....	do ...	30 00
Mathieson.....	Bonshaw, from Appin Road to Dog River, and from South Wiltshire Road to the Coast	West River.....	do ...	30 00
May Mackenzie.....	Lots 60 and 62	Pinette River.....	do ...	30 00
Lucis Stanley ...	Charlottetown, including East, West and North Rivers.....	Charlottetown.....	do ...	30 00
Whitehead ...	South West River.....	S. W. River	do ...	30 00
Thomas Murphy ...	Trout River	Trout River	do ...	30 00
Traynor.....	Johnston's River, including Oyster Fishery at its mouth	Johnston's River	do ...	30 00
Loughrin	Orwell and Newtown Rivers	Orwell	do ...	30 00
Campbell	Cousin's Run.....	Cousin's Run.....	do ...	30 00
George F. Beers ...	Pownall Bay and Seal River	Cherry Valley	do ...	30 00
James Howatt.....	Crapaud	Crapaud.....	do ...	30 00
Minique Buotte.....	District of Rustico	Rustico	do ...	30 00
	<i>Prince County.</i>			
Harry Clark.....	Dunk River and Egmont Bay.....	Summerside	Overseer..	200 00
L. Bryant	From western bank of Big Pierre Jac- ques River to the point where the North line of Lot 15 touches the shore of Egmont Bay	Enmore River	Warden ...	30 00
	Carried forward			1,540 00

SCHEDULE of Fishery Officers in the Dominion—*Continued.*PROVINCE OF PRINCE EDWARD ISLAND—*Concluded.*

Name.	District.	Address.	Overseer or Warden.	Salary.
Brought forward.. .. .				4,540 00
<i>Prince County—Concluded.</i>				
Calvin Howat	Tryon River.....	Tryon River.....	Warden ..	30 00
John Rix	Miminigash	Miminigash.....	do ...	30 00
James Ramsay.....	Lot 13, Trout River	Lot 13.....	do ...	30 00
Jas. A. McDonald..	Grand River.....	Grand River.....	do ...	30 00
John Tucker.....	Dunk River, Lot 25	Lot 25.....	do ...	30 00
Patrick McBride...	do do	do	do ...	30 00
William Burns.....	do do	do	do ...	30 00
James Nelligan.....	Nail Pond and Skinner's Pond	Nail Pond	do ...	30 00
John Beaton	Lots 5, 6 and 10	Lot 10.....	do ...	30 00
Geo. A. Sharpe.....	Lot 12, on the Narrows	Lot 12.....	do ...	30 00
John A. Sharpe.....	Summerside, including Bedeque Bay and South part of Richmond Bay...	Summerside	do ...	30 00
John Chaisson Chapel	Tignish, from line of Lot No. 2, north- ward, to include Little and Big Tignish, and westward to Railway.	Tignish	do ...	30 00
Peter Aylward.....	Skinner's Pond, southward, from south end of Nail Pond to Black Pond, inclusive, and East to Rail- way.....	do	do ...	30 00
Alex. McDonald ..	Cascompeque Bay and Inlet, from the Narrows to Kildare Capes	Alberton ..	do ...	30 00
Thos. Drummond ..	Dunk River.....	Freetown ..	do ...	30 00
V. S. Gillis	Richard Bay and Malpeque.....	Indian River, Lot 18...	do ...	30 00
Lawrence Doyle ..	From Little Miminigash to Cape Wolfe	Lot 3.....	do ...	30 00
J. K. Ramsay	From Cape Wolfe to Brae River.....	Lot 7.....	do ...	30 00
J. A. Arsenault....	Lot 15, Egmont Bay	Abram's Village.....	do ...	30 00
J. F. B. Holland....	From Graham Head, Lot 26, to Cape Traverse	Bedeque	do ...	30 00
<i>King's County.</i>				
Henry Morrow	Souris River.....	Souris River.....	do ...	30 00
Allan McDonald....	North Lake.....	North Lake.....	do ...	30 00
Malcolm Mathew- son	Grand River.....	Grand River.....	do ...	30 00
Ronald McDonald..	Naufrage River	Naufrage River.....	do ...	30 00
Daniel Reilly.....	Montague, from Georgetown Road to Whim Road, and from County Line to the Coast.....	Montague River.....	do ...	30 00
John Lowe.....	Murray Harbour and River, including Lots 63 and 64	Murray Harbour	do ...	30 00
Peter Duffy.....	St. Peter's and Morell.....	St. Peter's.....	do ...	30 00
James Mitchell.....	First District of Morell	Peake's Road	do ...	30 00
John O'Brien.....	Second do	Morell River.....	do ...	30 00
Pat. McCullough....	Third do	Peake's Road	do ...	30 00
J. H. Dingwell.....	Fourth do	Morell River	do ...	30 00
James Burke.....	Cardigan Bay.....	Georgetown	do ...	30 00
Robert Quinn.....	Brudenell River.....	Cardigan.....	do ...	30 00
John Conaghan.....	Bay Fortune, from Little River to Rollo Bay	Bay Fortune.....	do ...	30 00
Total				2,560 00

SCHEDULE of Fishery Officers in the Dominion—*Concluded.*

PROVINCE OF BRITISH COLUMBIA.

Name.	District.	Address.	Overseer or Warden.	Salary.
eo. Pittendreigh.	British Columbia.....	New Westminster.....	Inspector of Fish- eries.....	\$ cts. 800 00

PROVINCE OF MANITOBA.

lex. McQueen....	Province of Manitoba.....	Winnipeg.....	Inspector of Fish- eries.....	900 00
C. Gilchrist	Qu' Appelle River and adjoining lakes	Fort Qu' Appelle	Overseer...	.....

STATEMENT

OF EXPENDITURE on account of Fisheries, for the Year ended 30th June, 1884.

To whom Paid.	Service.	Amount.	Total.
ONTARIO.			
SALARIES OF FISHERY OVERSEERS AND GUARDIANS.		\$ cts.	\$ cts.
J. W. Kerr.	For 12 months salary as Fishery Overseer, to 30th June, 1884.....	500 00	
C. Gilchrist	do do	400 00	
Chas. Wilkins.....	do do	400 00	
F. Boismier.....	do do	300 00	
J. Redmond	do do	300 00	
Peter McCann	do do	250 00	
Geo. Cochrane.....	do do	250 00	
John Mooney.....	do do	200 00	
Peter Kiel	do do	200 00	
David Sharp	do do	200 00	
D. McMaster	do do	200 00	
D. A. Cameron.....	do do	200 00	
Wm. Boucher.....	do do	175 00	
G. B. McDermott.....	do do	150 00	
Jos. Wilson.....	do do	150 00	
L. S. Saunders.....	do do	150 00	
A. D. Sills.....	do do	150 00	
J. McMullan	do do	150 00	
W. E. Foote	do do	125 00	
Wm. Prosser.....	do do	100 00	
A. C. McKinnon	do do	100 00	
James Muir.....	do do	100 00	
G. S. Miller	do do	100 00	
Samuel Frazer.....	do do	100 00	
James Dickson	do do	100 00	
J. Dauncey.....	do do	100 00	
W. A. McRae.....	do do	100 00	
J. A. Cameron.....	do do	100 00	
P. McCarron.....	do do	100 00	
Ephraim Deacon.....	do do	100 00	
J. R. Graham.....	do do	100 00	
W. P. Croome.....	do do	100 00	
Win. Helliwell.....	do do	100 00	
T. Merritt	do do	100 00	
Robt. Gilbert.....	do do	100 00	
H. R. Purcell.....	do do	100 00	
G. R. Steele.....	do do	100 00	
N. Acton.....	do do	100 00	
N. Simmons	do do	100 00	
C. Roper.....	do do	100 00	
John Grant.....	do do	91 66	
Geo. Jeacle	do do	87 50	
T. McQueen.....	do do	75 00	
W. H. Johnston.....	do do	75 00	
Wm. Johnson.....	do do	75 00	
John Wallace.....	do do	50 00	
Carried forward		7,004 16	

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Services.	Amount..	Total.
		\$ cts.	\$ cts.
	Brought forward.....	7,004 16	
	ONTARIO— <i>Continued.</i>		
	SALARIES OF FISHERY OVERSEERS AND GUARDIANS— <i>Continued.</i>		
John Cox	For 12 months salary as Fishery Overseer, to 30th June, 1884	50 00	
Alex. McBride	do	50 00	
John McMichael	do	50 00	
Andrew Hughson	do	50 00	
Cummins	do	50 00	
Andrew Telfer	do	50 00	
Ellington Hull	do	50 00	
Wm. Hastings	do	50 00	
W. Raymond	do	50 00	
Wm. Poole	do	50 00	
E. Mills	do	50 00	
R. McDonald	do	50 00	
McGarrity	do	50 00	
B. Moody	do	50 00	
Wm. McDermot	do	50 00	
John Murphy	do	50 00	
Wm. Price	do	50 00	
G. Dalton	do	50 00	
John Smith	do	40 00	
Wm. McFayden	do	40 00	
Wm. Hicks	do	40 00	
James Greer	do	40 00	
W. B. Jelly	do	30 00	
Wm. McFadden	do	30 00	
W. D. Pollock	do	30 00	
Miron	do	25 00	
L. Russell	do	25 00	
Thomas McKibbin	do	25 00	
Geo. Douglas	do	25 00	
Arch. Acheson	do	25 00	
Wm. Belanger	do	20 00	
Henry Hunt	do	20 00	
W. Quenneville	do	60 00	
Angus Brady	18 do	25 00	
M. G. Fraser	6 do	25 00	
Edmond James	6 do	67 74	
Patton	Balance salary	20 00	
R. Proctor	Salary as acting Fishery Overseer	50 00	
W. Flanagan	Wages as Guardian		8,616 90
	DISBURSEMENTS OF FISHERY OVERSEERS.		
W. Kerr	For 12 months disbursements, to 30th June, 1884....	883 89	
Joseph Wilson	do	449 60	
Thomas Gilchrist	do	444 95	
Thomas Wilkins	do	378 50	
Geo. Cochrane	do	333 43	
Wm. Boucher	do	290 25	
A. Cameron	do	263 15	
W. B. McDermot	do	254 00	
John Mooney	do	189 00	
	Carried forward.....	3,486 77	8,616 90

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	3,486 77	8,616 90
ONTARIO— <i>Continued.</i>			
DISBURSEMENTS OF FISHERY OVERSEERS, ETC.— <i>Con.</i>			
A. C. McKinnon.....	For 12 months disbursements, to 30th June, 1884...	187 05	
Samuel Frazer.....	do do	143 00	
W. E. Foote.....	do do	115 74	
Jos. Redmond.....	do do	109 55	
N. Simmons.....	do do	102 00	
Wm. Helliwell.....	do do	91 70	
David Sharpe.....	do do	91 28	
Thomas Merritt.....	do do	90 00	
James Dickson.....	do do	89 75	
W. H. Johnston.....	do do	80 50	
George Jeacle.....	do do	79 50	
Andrew Hughson.....	do do	76 00	
Timothy McQueen.....	do do	73 50	
W. P. Croome.....	do do	66 99	
H. R. Purcell.....	do do	63 80	
Wellington Hull.....	do do	63 50	
Wm. Hastings.....	do do	61 50	
L. S. Saunders.....	do do	61 26	
A. D. Sills.....	do do	59 00	
R. Gilbert.....	do do	58 50	
John Grant.....	do do	56 15	
G. S. Miller.....	do do	52 00	
Peter Kiel.....	do do	51 50	
Geo. Douglas.....	do do	46 50	
J. R. Graham.....	do do	46 00	
Peter McCann.....	do do	44 40	
W. A. McRae.....	do do	29 50	
W. B. Jelly.....	do do	39 00	
Wm. Hicks.....	do do	38 00	
John Cox.....	do do	34 00	
Wm. McDermott.....	do do	33 99	
John McMichael.....	do do	33 50	
Arch. Acheson.....	do do	33 75	
James Muir.....	do do	32 00	
Wm. Johnson.....	do do	31 95	
R. G. Dalton.....	do do	30 65	
E. Boismier.....	do do	29 50	
J. McMullan.....	do do	28 45	
Terrence McGarrity.....	do do	21 25	
John Murphy.....	do do	16 25	
Peter Price.....	do do	16 00	
A. Quenneville.....	do do	16 00	
Andrew Telfer.....	do do	14 50	
Jas. Cummins.....	do do	13 50	
Wm. Poole.....	do do	12 25	
J. B. Moody.....	do do	12 00	
John Dauncey.....	do do	11 50	
A. E. Mills.....	do do	11 25	
Ephraim Deacon.....	do do	10 00	
Henry Hunt.....	do do	9 00	
J. R. Procter.....	do do	8 50	
T. McKibbon.....	do do	8 00	
N. Acton.....	do do	5 80	
			6,134 53
	Carried forward.....		14,751 43

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward	\$ cts.	\$ cts.
			14,751 43
	ONTARIO— <i>Concluded.</i>		
	DISBURSEMENTS OF FISHERY OVERSEERS, ETC.— <i>Con.</i>		
geMoberly	Tug for Overseer Patton.....	153 00	
ameron	Wages of boatmen	87 70	
aser.....	do	70 00	
Read	Special Guardian, Rideau River.....	56 05	
Devitt.....	do	40 05	
Springer	Professional services.....	18 00	
oughton.....	Removing saw dust, Sydenham River.....	15 00	
Davies.....	Horse hire.....	4 50	
			441 30
	Total.....		15,192 73
	QUEBEC.		
	SALARIES OF FISHERY OVERSEERS AND GUARDIANS.		
Verge.....	For 12 months salary as Fishery Overseer, to 30th June, 1884.....	500 00	
Austin.....	do	400 00	
Varion.....	do	250 00	
is Caron	do	200 00	
Morris.....	do	200 00	
Cullen	do	200 00	
le Barbeau	do	200 00	
gnault.....	do	200 00	
athurin	do	200 00	
p Vibert.....	do	200 00	
adford.....	do	200 00	
Chevalier.....	do	150 00	
Duguay.....	do	150 00	
Duchésne	do	150 00	
Bélanger.....	do	150 00	
Willis.....	do	150 00	
Gauvreau	do	100 00	
artin.....	do	100 00	
Grondin.....	do	100 00	
Blais.....	do	100 00	
Letourneau.....	do	100 00	
Huot.....	do	100 00	
gouve.....	do	100 00	
Whitely.....	do	100 00	
Chevrier.....	do	100 00	
Beach.....	do	100 00	
traverse.....	do	100 00	
cLeod.....	do	100 00	
es Girard.....	do	100 00	
auzon.....	do	100 00	
McDonald	do	100 00	
Kelly	do	87 50	
saulliers	do	75 00	
bé.....	do	75 00	
Picotin.....	do	75 00	
Bourk.....	do	75 00	
Ritchie.....	do	75 00	
	Carried forward.....	5,462 50	

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	5,462 50	
	QUEBEC—Continued.		
	SALARIES, ETC.—Continued.		
J. S. Martel.....	For 12 months salary as Fishery Overseer, to 30th June, 1884.....	75 00	
John Phelan.....	do.....	50 00	
Joseph Boily.....	do.....	50 00	
P. E. Luke.....	do.....	50 00	
J. Laberge.....	do.....	50 00	
Romuald Maltais.....	do.....	50 00	
Charles Potvin.....	do.....	50 00	
Ulysse Bhercur.....	do.....	50 00	
J. T. Coghlan.....	do.....	50 00	
Robt. Joynt.....	do.....	50 00	
Job Bilodeau.....	do.....	50 00	
Charles Ascal.....	do.....	50 00	
Joseph Simard.....	do.....	40 00	
R. W. Jones.....	do.....	40 00	
Vital Veilleux.....	do.....	40 00	
James Mohr.....	do.....	40 00	
S. A. Grant.....	do.....	40 00	
George Gagnon.....	do.....	30 00	
Henri Côté.....	do.....	30 00	
Edward Martin.....	do.....	30 00	
Antoine Filion.....	do.....	30 00	
Alexander Beaton.....	do.....	30 00	
M. Hurteau.....	do.....	25 00	
L. Lachapelle.....	do.....	45 00	
T. Sabourin.....	do.....	70 83	
A. Campbell.....	do.....	50 00	
T. Décoteau.....	do.....	37 50	
D. Bédard.....	do.....	30 00	
W. Clyde.....	do.....	25 00	
D. D. Foster.....	do.....	12 50	
Jos. Gingras.....	do.....	12 50	
J. Boivin.....	do.....	12 50	
T. Marchessault.....	do.....	12 50	
J. B. Saucier.....	do.....	16 66	
D. McLaren.....	Wages as Guardian, Saguenay District.....	39 50	
P. Dufour.....	do.....	22 00	
A. Simard.....	Bergeronnes.....	20 00	
P. Pednault.....	do.....	22 00	
Wm. Manning.....	Laval.....	22 00	
Jos. Radford.....	Postages, etc.....	3 00	
Wm. Delaney.....	Wages as Guardian, Restigouche River, 1883.....	137 00	
S. Ferguson.....	do.....	128 00	
And. Alford.....	do.....	127 00	
Thomas Downs.....	do.....	125 00	
Thomas Dickson.....	do.....	106 50	
G. Lefurgey.....	do.....	100 00	
Jos. Eden, jun.....	Gaspé Division.....	65 00	
G. T. Annett.....	do.....	43 00	
Thomas Ramsey.....	do.....	40 00	
P. Miller.....	do.....	35 00	
W. McGowan, jun.....	Lake Memphremagog.....	54 00	
U. Bhercur.....	do.....	47 00	
O. Hutchins.....	do.....	46 00	
M. A. Ballard.....	do.....	29 00	
	Carried forward.....	7,998 49	

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward	7,998 49	
	QUEBEC— <i>Continued.</i>		
	SALARIES, ETC.— <i>Concluded.</i>		
Beach	For Wages as Guardian, Lake Memphremagog	22 00	
Evans	do do	12 00	
Jardine	do do	8 00	
Peasley	do do	6 00	
Carberry	do* Grand River	27 00	
Annett	do do	3 90	
remblay	do Portneuf River	25 00	
Simard	do Lakes near Murray Bay ..	21 60	
Cameron	do Derry Lakes	15 00	
audin	do Little River	6 00	
oCallum	Watching nets, Season 1883	20 00	
ourner	Wages and board	43 50	
aigle	do	43 50	
audreau	do	10 50	
			8,262 49
	DISBURSEMENTS OF FISHERY OVERSEERS.		
Marion	For 12 months disbursements, to 30th June, 1884 ...	410 90	
Radford	do do	365 05	
Willis	do do	240 65	
Duguay	do do	207 00	
ignault	do do	183 59	
athurin	do do	148 10	
Kelly	do do	147 50	
Verge	do do	143 75	
Desaulniers	do do	141 00	
Morris	do do	139 90	
ip Vibert	do do	132 41	
ert Joynt	do do	125 75	
Cullen	do do	124 65	
Duchesne	do do	122 35	
Legouve	do do	121 50	
Belanger	do do	119 68	
McLeod	do do	116 00	
V. Austin	do do	115 90	
him Laberge	do do	111 30	
Picotin	do do	95 33	
Luke	do do	92 85	
Caron	do do	91 40	
ubé	do do	84 50	
Chevalier	do do	72 00	
Chevrier	do do	67 71	
Lauzon	do do	66 30	
atraverse	do do	60 35	
Chambers	do do	60 00	
Letourneau	do do	58 75	
Martin	do do	57 60	
J. Jones	do do	56 50	
s Gauvreau	do do	55 50	
eaton	do do	52 00	
Bilodeau	do do	51 25	
urteau	do do	47 90	
Ritchie	do do	41 65	
Gingras	do do	37 50	
	Carried forward	4,366 07	8,262 49

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ c
	Brought forward.....	4,366 07	8,262
	QUEBEC— <i>Concluded.</i>		
	DISBURSEMENTS OF FISHERY OVERSEERS— <i>Concluded.</i>		
N. A. Beach	For 12 months disbursements, to 30th June, 1884 ...	35 25	
Romuald Maltais	do do	33 00	
J. S. Martel	do do	32 50	
Chas. Potvin	do do	42 50	
John Phelan	do do	24 00	
Wm. Clyde	do do	19 25	
J. B. McDonald	do do	17 25	
Ulysse Bhéreur	do do	15 00	
V. Veilleux	do do	15 00	
Thos. Decoteau	do do	15 00	
P. C. Bourk	do do	14 30	
L. Lachapelle	do do	12 40	
S. A. Grant	do do	11 70	
G. Gagnon	do do	11 40	
J. T. Coghlan	do do	10 00	
L. P. Huot	do do	7 03	
James Mohr	do do	5 12	
			4,686
Pat. Stephens	Special Guardian, Matane River.....	50 00	
A. Rattee	Repairs to boats	27 00	
A. Campbell	Rent of fishing rights, Campbell's Bay, 1883	25 00	
J. McLachlin	do do	20 00	
James Lamb	do do	15 00	
F. Johnston	do do	10 00	
B. Hodgins	do do	10 00	
L. Carpentier	Fish Bay, 1883	20 00	
M. Gleeson	do do	10 00	
P. & T. McNamara	do do	5 00	
M. McLauchlin	do do	5 00	
M. Summers	do do	5 00	
J. McDermaid	do do	5 00	
J. Bedard	do do	5 00	
D. Bedard	do do	5 00	
S. P. Bauset	Disbursements	20 00	
			237
	Total		13,186
	NOVA SCOTIA.		
	SALARIES OF FISHERY OVERSEERS AND WARDENS.		
	County of Annapolis.		
W. T. Carty	For 12 months salary, to 30th June, 1884.....	120 00	
A. F. Morton	do do	25 00	
Geo. Vroom	do do	25 00	
Wm. Crosscup	do do	25 00	
W. A. Rice	do do	25 00	
Wm. Bailley	do do	25 00	
Michael Riordan	do do	25 00	
Albert Barteaux	do do	25 00	
T. R. Ilsley	do do	25 00	
			320
	Carried forward.....		320

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward		320 00
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, ETC — <i>Continued.</i>		
	County of Antigonish.		
n McDonald.....	For 12 months salary, to 30th June, 1884.....	125 00	
hlin Cameron.....	do do	30 00	
a Dexter.....	do do	30 00	
us McDonald.....	do do	25 00	
aymer.....	do do	25 00	
n Chisholm.....	do do	25 00	
ald Chisholm.....	do do	25 00	
c. McAdam.....	do do	25 00	
es Chisholm.....	do do	25 00	
h. McDougall.....	do do	25 00	
ald McDonald.....	do do	25 00	
i Cumming.....	do do	20 00	
can Frazer.....	do do	20 00	
ert Randall.....	do do	15 00	
			440 00
	County of Cape Breton.		
acis Quinan.....	For 12 months salary, to 30th June, 1884.....	120 00	
c. McDonald.....	do do	120 00	
k Barrington.....	do do	120 00	
ald McDonald.....	do do	45 00	
n McEachen.....	do do	25 00	
us Morrison.....	do do	25 00	
is Murphy.....	do do	25 00	
McLellan.....	do do	25 00	
rick Keefe.....	do do	25 00	
ald McCormack.....	do do	25 00	
urke.....	do do	25 00	
n McAdam.....	do do	25 00	
c. McNeil.....	do do	25 00	
c. McLean.....	do do	20 00	
h. McDonald.....	do do	20 00	
			670 00
	County of Colchester.		
V. Davison.....	For 12 months salary, to 30th June, 1884.....	100 00	
ry Blair.....	do do	100 00	
Pollock.....	do do	75 00	
erson Gass.....	do do	50 00	
iel McKay.....	do do	40 00	
t. Fulton.....	do do	30 00	
rge Fulton.....	do do	25 00	
rge Moore.....	do do	25 00	
r. Murray.....	do do	25 00	
Winton.....	do do	25 00	
ed Wright.....	do do	25 00	
othy Johnson.....	do do	25 00	
t. Fulton.....	do do	25 00	
ry Urquhart.....	do do	25 00	
uel Frame.....	do do	25 00	
	Carried forward	620 00	1,430 00

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts	\$ ct
	Brought forward	620 00	1,430 00
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, ETC.— <i>Continued:</i>		
	County of Colchester— <i>Concluded.</i>		
Ed. Rutherford	For 12 months salary, to 30th June, 1884	25 00	
Hibbert Corbett	10 do do	20 84	
Jesse Fulmer	10 do do	20 84	
Henry Blair	Balance of salary to 30th June, 1883	37 50	724 18
	County of Cumberland.		
Elijah Fowler	For 12 months salary, to 30th June, 1884	130 00	
G. W. Gilroy	do do	100 00	
Wm. Murphy	do do	30 00	
J. W. Moore	do do	25 00	
David Corbett	do do	25 00	
Moses Harrison	do do	25 00	
F. L. Jenks	do do	25 00	
T. R. Smith	do do	25 00	
Samuel McPherson	do do	25 00	
Joseph Porter	do do	25 00	
Sydney Smith	do do	25 00	460 00
	County of Digby.		
Wm. Hanley	For 12 months salary, to 30th June, 1884	120 00	
A. L. Gavil	do do	25 00	
Lochin McKay	do do	25 00	
Robert Journey	do do	25 00	
J. A. Collins	7 do do	70 00	265 00
	County of Guysborough.		
James A. Tory	For 12 months salary, to 30th June, 1884	150 00	
Allan McQuarrie	do do	100 00	
D. A. McDonald	do do	40 00	
Donald Gunn	do do	30 00	
Wm. Pride	do do	30 00	
Adam Kirk	do do	30 00	
Thomas McKeen	do do	30 00	
James Cook	do do	25 00	
Wm. McDonald	do do	25 00	
J. L. Smith	do do	25 00	
Augus Cameron	do do	25 00	
James McEllum	do do	25 00	
John Jones	do do	25 00	
James Henderson	do do	25 00	
Samuel Hudson (Lewis' son)	do do	25 00	
J. J. Sangster	do do	25 00	
James Harrigan, jun	do do	25 00	
D. McC. Sinclair	do do	20 00	
Duncan Cameron	do do	20 00	
Charles Kenney	do do	15 00	
	Carried forward	715 00	2,879 18

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	715 00	2,879 18
	NOVA SCOTIA—Continued.		
	SALARIES, ETC.—Continued.		
	County of Guysborough—Continued.		
ert McKay	For 12 months salary, to 30th June, 1884.....	15 00	
es Nickerson.....	do do	15 00	
e Harpell,	do do	15 00	
l. Mattie.....	do do	15 00	
Bruce.....	do do	10 00	
			785 00
	County of Halifax.		
a Fitzgerald	For 12 months salary, to 30th June, 1884.....	150 00	
c Gaetz	do do	150 00	
aniel Mason.....	do do	75 00	
ibald Kidston.....	do do	40 00	
. Tolson	do do	40 00	
. Shattford.....	do do	40 00	
es Blakely.....	do do	30 00	
ald McLean	do do	30 00	
Keizer	do do	30 00	
Fraser	do do	30 00	
ge McLeod.....	do do	30 00	
es E. Whitman	do do	30 00	
am Burris.....	do do	30 00	
. Henry.....	do do	30 00	
es Crooks.....	do do	25 00	
ick Hughes.....	do do	25 00	
el Mosher.....	do do	20 00	
r. Walker	do do	20 00	
es Gardner.....	6 do 31st December, 1883.....	15 00	
aniel McKiel	6 do 30th June, 1884.....	20 00	
Stevens	2 do do	5 00	
Wm. Hall.....	Balance of salary of late F. W. Hall.....	13 33	
			878 33
	County of Hants.		
Burnham.....	For 12 months salary, to 30th June, 1884.....	100 00	
O'Brien	do do	100 00	
Mosher	do do	50 00	
es Mosher	do do	30 00	
O'Brien	do do	30 00	
Colter	do do	30 00	
			340 00
	County of Inverness.		
McLean.....	For 12 months salary, to 30th June, 1884.....	150 00	
d Ross	do do	100 00	
es Coady	do do	100 00	
c McEachern	do do	100 00	
e McKay	do do	25 00	
a Cameron	do do	25 00	
Crowdis	do do	25 00	
dd McDonald.....	do do	25 00	
	Carried forward	550 00	4,882 51

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward	550 00	4,882
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, ETC.— <i>Continued.</i>		
	County of Inverness— <i>Concluded.</i>		
Miles McDaniel	For 12 months salary, to 30th June, 1884	25 00	
Peter Benire	do do	25 00	
M. B. McDonald	do do	25 00	
Moses Murphy	do do	25 00	
Daniel McDermid	do do	25 00	
WilliamsHart, jun.	do do	25 00	
Allan McLellan	do do	25 00	
Angus McFarlane	do do	25 00	
J. P. McFarlane	do do	25 00	
Stephen Graham	do do	25 00	
John McLean	do do	25 00	
Angus McKinnon	do do	25 00	
Malcolm McKay	do do	20 00	
			870
	County of Kings.		
R. F. Reid	For 12 months salary, to 30th June, 1884	125 00	
W. McIntyre	do do	50 00	
C. E. Bishop	do do	30 00	
Joseph Angus	do do	30 00	
J. E. Starr	8 do 29th February, 1884	166 67	
Jas S. Miller	5 do 30th June, 1884	52 07	
Philip Brown	5 do do	12 50	
J. W. Thorp	5 do do	12 50	
			478
	County of Lunenburg.		
George Redden	For 12 months salary, to 30th June, 1884	100 00	
Henry S. Jost	do do	100 00	
C. E. Goddard	do do	50 00	
John Hutt	do do	25 00	
James Langille	do do	25 00	
Charles Pernette	do do	25 00	
James Mossman	do do	25 00	
John Andrews	do do	25 00	
G. A. Nesbit	do do	25 00	
Ed. Boylan	do do	25 00	
William Croft	do do	25 00	
David Demon	do do	25 00	
Eli Hebb	do do	25 00	
J. H. Keddy	do do	25 00	
Isaiah Besancon	do do	25 00	
Benj. Rothenheiser	6 months salary, to 31st December, 1883	12 00	
Edward Hayes	do do	12 00	
			575
	County of Pictou.		
D. G. McDonald	For 12 months salary, to 30th June, 1884	170 00	
A. C. Pritchard	do do	150 00	
Donald McLean	do do	30 00	
	Carried forward	350 00	6,806

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 350 00	\$ cts. 6,806 25
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, ETC.— <i>Continued.</i>		
	County of Pictou—Concluded.		
o. McKenzie.....	For 12 months salary, to 30th June, 1884.....	25 00	
onald Frazer.....	do do	25 00	
m. Turner	do do	25 00	
o. Foote.....	do do	25 00	
m. McDonald.....	do do	25 00	
os. Fraser.....	do do	25 00	
onald McDonald.....	do do	25 00	
hn McKay	do do	25 00	
ter Campbell.....	do do	25 00	
ex. Douglas.....	do do	25 00	
muel Frazer.....	do do	25 00	
A. Murray.....	do do	25 00	
os. Cameron	do do	25 00	
lan Cameron.....	do do	25 00	
m. McKenzie.....	do do	20 00	
s. R. Sutherland.....	Salary of late R. Sutherland, to 31st Dec., 1884.	70 00	
mes Hunter.....	Wages as special Fishery Guardian, employed on River Philip during spawning season...	61 50	
rbert Thompson.....	do do	28 50	
hn Harrington.....	do do	15 00	
J. Dartney.....	do do	30 00	
s. Lowther.....	do do	48 00	
N. Smith.....	Wages as special Fishery Guardian, employed on Middle River during spawning season...	62 50	
R. Cummings.....	do do	66 25	
			1,101 75
	County of Queen's.		
T. N. Sellon	For 12 months salary, to 30th June, 1884.....	225 00	
hn Fitzgerald.....	do do	70 00	
eo. Ford.....	do do	60 00	
rnabas Miles.....	do do	30 00	
			385 00
	County of Richmond.		
ancan Cameron.....	For 12 months salary, to 30th June, 1884.....	125 00	
ancis Marmean.....	do do	125 00	
W. Grouchy.....	do do	30 00	
raham Sampson.....	do do	30 00	
stinien Sampson.....	do do	30 00	
nn Murchison.....	do do	30 00	
lan McRae.....	do do	30 00	
rquhar McPherson.....	do do	30 00	
trick Kyte.....	do do	25 00	
lix Gerroir.....	do do	25 00	
n. Kehoe.....	do do	25 00	
Charles Grant.....	do do	25 00	
Proctor, sen.....	do do	20 00	
			550 00
	Carried forward		8,843 00

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ ct
	Brought forward.....		8,843 0
	NOVA SCOTIA— <i>Continued.</i>		
	SALARIES, &c.— <i>Continued.</i>		
	County of Shelburne.		
W. J. McGill.	For 12 months salary, to 30th ³ June, 1884.....	125 00	
C. A. Holden.....	do do	50 00	
Geo. Ryer.....	do do	50 00	
Timothy Acker.....	do do	30 00	
M. Greenwood.....	do do	20 00	
P. Crowell.....	do do	20 00	
Henry Ackerman.....	do do	20 00	
N. G. Nichol.....	do do	20 00	
Edwin S. Goudy.....	5 do do	31 25	366 2
	County of Victoria.		
Donald McRae, jun.....	For 12 months salary, to 30th June, 1884.....	120 00	
Angus McDonald.....	do do	30 00	
Roderick Beaton.....	do do	30 00	
William Foyle.....	do do	30 00	
Donald Bochaman.....	do do	30 00	
Malcolm McIver.....	do do	30 00	
Joseph Hellen.....	do do	30 00	
Kenneth McRae.....	do do	25 00	
John McLellan.....	do do	25 00	
Donald McQuarrie.....	do do	25 00	
Donald McMillan.....	do do	25 00	
Donald McAuley.....	do do	25 00	
Donald McRae.....	do do	25 00	
Francis McGregor.....	do do	25 00	
John McRae.....	do do	25 00	
John McCharles.....	6 do to 31st Dec., 1883.....	15 00	
Joseph Quinn.....	6 do do	15 00	
George Burton.....	6 do do	12 50	
John McDonald.....	6 do do	80 00	
Malcolm McIntosh.....	8 do to 30th June, 1884.....	20 00	
Murdock McRae.....	8 do do	6 25	
Donald Finlayson.....	6 do do	6 25	
Chris. McKenzie.....	6 do do	6 25	
Archd. McDonald.....	6 do do	6 25	
Thos. Capstick.....	6 do do	6 25	
Thos. Donovan.....	6 do do	6 25	
And. Watson.....	For 3 months salary, to 30th June, 1884.....	6 25	
Donald McRae.....	do do	6 25	
John McPherson.....	do do	6 25	
John McDonald.....	Salary as Fishery Warden, 1st Jan. to 31st Mar., '84	6 25	
J. McCharles.....	do do	7 50	
Jos. Guinn.....	do do	7 50	
Geo. Burton.....	do do	7 50	741
	County of Yarmouth.		
Enos Gardner.....	For 12 months salary, to 30th June, 1884.....	150 00	
J. A. Hatfield.....	do do	50 00	
Jerome Doucette.....	do do	30 00	
	Carried forward.....	230 00	9,950 5

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward.	\$ cts. 230 00	\$ cts. 9,950 50
	NOVA SCOTIA—Continued.		
	SALARIES, &c.—Concluded.		
	County of Yarmouth—Concluded.		
A. Kavanagh.....	For 12 months salary, to 30th June, 1884.....	25 00	
Estace Nickerson.....	do do	25 00	
Edward Perry.....	do do	25 00	
Al Muise.....	do do	25 00	
A. White.....	do do	25 00	
A. Thurston, sen.....	do do	25 00	
A. Brand.....	do do	25 00	
A. H. Robertson.....	5 do do	41 67	
James Jeffery.....	3 do do	6 25	
E. Cann.....	3 do do	6 25	
			459 17
	DISBURSEMENTS OF FISHERY OVERSEERS.		
Wm. Gardner.....	For 12 months disbursements, to 31st Dec., 1883.....	231 50	
A. Hanley.....	do do	185 65	
A. Redden.....	do do	177 50	
A. Gaetz.....	do do	136 50	
C. Pritchard.....	do do	128 99	
N. Sellon.....	do do	126 65	
J. McGill.....	do do	110 28	
T. Carty.....	do do	94 90	
J. McDonald.....	do do	94 50	
J. Fitzgerald.....	do do	88 94	
P. McLean.....	do do	83 72	
James Tory.....	do do	81 34	
J. Fitzgerald.....	do do	80 45	
A. McQuarrie.....	do do	78 95	
Id. Ross.....	do do	70 00	
Francis Quinan.....	do do	67 75	
James Coady.....	do do	65 46	
C. Godard.....	do do	63 89	
McDonald.....	do do	56 50	
McRae, jun.....	do do	50 65	
B. McDonald.....	do do	50 50	
J. Starr.....	do do	48 10	
B. Burnham.....	do do	45 00	
T. O'Brien.....	do do	41 75	
R. Reid.....	do do	41 00	
A. Barrington.....	do do	33 00	
B. Jost.....	do do	28 00	
Farneau.....	do do	35 00	
Henry S. Blair.....	do do	31 65	
J. V. Davison.....	do do	29 50	
D. Cameron.....	do do	25 00	
W. Gilroy.....	do do	20 00	
M. Pollock.....	do do	18 75	
John Fowler.....	do do	12 75	
J. Colter.....	do do	6 46	
			2,555 58
W. H. Rogers.....	12 months salary as Inspector of Fisheries, to 30th June, 1884.....	1,372 00	
Reiver-General.....	do superannuation tax.....	28 00	
			1,400 00
	Carried forward.		14,365 25

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total
		\$ cts.	\$
	Brought forward		14,365
	NOVA SCOTIA—Concluded.		
	DISBURSEMENTS, &c.—Concluded.		
W. H. Rogers	For 12 months disbursement as Inspector of Fisheries, to 30th June, 1884		1,220
Jno. McGillivray	Legal expenses		20
"Herald" Printing Co..	Printing		7
			15,612
	Refund		12
	Total		15,600
	NEW BRUNSWICK.		
	SALARIES OF FISHERY OVERSEERS AND WARDENS.		
	<i>County of Albert.</i>		
Sutherland Stewart	For 12 months salary, to 30th June, 1884	100 00	
Wallace Taylor	do do	40 00	
J. E. Kinne	do do	40 00	
Bartlett Oliver	do do	40 00	
C. McLatchey	do do	40 00	260
	<i>County of Carleton.</i>		
Geo. R. Burt	For 18 months salary, to 30th June, 1884	150 00	
J. W. Scott	do do	45 00	
A. G. Lindsay	12 do do	150 00	
W. B. Mills	6 do do 1883	75 00	420
	<i>County of Charlotte.</i>		
W. B. McLaughlin	For 12 months salary, to 30th June, 1884	240 00	
Frank Todd	do do	120 00	
Leonard Best	do do	100 00	
B. L. Cunningham	do do	70 00	
J. M. Lord	do do	70 00	
Samuel Dick	do do	30 00	
Robt. Dixon	do do	30 00	
Andrew Gilmour	do do	30 00	
Edward Carroll	do do	30 00	
Thos. Holmes	do do	30 00	
Barth. Brown	10 do do	83 34	
James Brown	2 do 31st August, 1883	16 66	850
	<i>County of Gloucester.</i>		
James Hickson	For 12 months salary, to 30th June, 1884	350 00	
Juste Haché	do do	100 00	
Fred. Comeau	do do	100 00	
Adolphe Haché	do do	100 00	
Joseph Poirier	do do	100 00	
	Carried forward	750 00	1,530

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	750 00	1,530 00
NEW BRUNSWICK—Continued.			
SALARIES, ETC.—Continued.			
County of Gloucester—Concluded.			
ph Sewell.....	For 12 months salary, to 30th June, 1884.....	50 00	
s Dempsey.....	do do	30 00	
thy Coughlan.....	do do	30 00	
miah Muzzeroll.....	do do	30 00	
es Walsh.....	do do	30 00	
t. Boyd.....	do do	30 00	
g Rogers.....	do do	25 00	
Calnan, jun.....	do do	25 00	
ustin Cormier.....	9 do to 31st March, 1884.....	37 50	
ave Cormier.....	3 do to 30th June, 1884.....	12 50	
			1,050 00
County of Kent.			
s. Cormier.....	For 12 months salary, to 30th June, 1884.....	100 00	
g. Légère.....	do do	80 00	
es Harnett.....	do do	80 00	
re Guimon.....	do do	80 00	
Collet.....	do do	80 00	
irouard.....	do do	75 00	
F. Hannah.....	do do	75 00	
olas Muzzeroll.....	do do	50 00	
			620 00
County of Kings.			
uel Gosline.....	For 12 months salary, to 30th June, 1884.....	100 00	
es A. Belyea.....	do do	50 00	
S. Ryan.....	do do	30 00	
S. Gamblain.....	do do	30 00	
th Keith.....	do do	30 00	
W. Hatfield.....	4 do to 31st October, 1883.....	16 66	
Z. Spragg.....	8 do to 30th June, 1884.....	33 34	
			290 00
County of Northumberland.			
on Hogan.....	For 12 months salary, to 30th June, 1884.....	400 00	
W. Wyse.....	do do	200 00	
uel Holt.....	do do	160 00	
es Russell.....	do do	150 00	
lient Robichaux.....	do do	100 00	
Kneth Cameron.....	do do	100 00	
on G. Williston.....	do do	100 00	
uel Freeze.....	do do	100 00	
on Blake.....	do do	70 00	
ch A. Bamford.....	do do	50 00	
ed Blackmore.....	do do	50 00	
uel Kingston.....	do do	50 00	
G. Hubbard.....	do do	50 00	
on Shaddick, jun.....	do do	50 00	
on Hovey.....	do do	30 00	
G. Bryenton.....	do do	30 00	
	Carried forward.....	1,690 00	3,490 00

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 1,690 00	\$ c 3,490 00
	NEW BRUNSWICK—Continued.		
	SALARIES, &c.—Continued.		
	County of Northumberland—Concluded.		
Patrick Bergin.....	For 12 months salary, to 30th June, 1884.....	30 00	
Thos. Smith.....	do do.....	30 00	
Patrick Gillis.....	do do.....	20 00	
Denis Hogan.....	do do.....	30 00	
Michael Donovan.....	do do.....	30 00	
Findlay McDairmaid.....	do do.....	30 00	
Nathaniel Morehouse.....	do do.....	30 00	
John Doyle.....	do do.....	30 00	
Daniel Matthews.....	do do.....	30 00	
Angus McIntosh.....	do do.....	30 00	
Tubal Watling.....	do do.....	30 00	
James Fitzpatrick.....	do do.....	30 00	
Jas. W. Underhill.....	do do.....	30 00	
Michael Ryan.....	do do.....	30 00	
Maurice Hayes.....	do do.....	30 00	
John Noble.....	14 do do.....	141 65	
John Stymast.....	12 do and arrears of increase.....	112 50	
Thos. Parker.....	10 do to 30th June, 1884.....	133 34	
Christopher Parker.....	2 do to 31st August, 1883.....	26 66	
Wm. Dalton.....	5 do as Special Warden.....	150 00	2,704 15
	County of Queens.		
I. T. Hetherington.....	For 12 months salary, to 30th June, 1884.....	100 00	
Isaiah Langan.....	do do.....	30 00	
Robt. Phillips.....	do do.....	25 00	
John Secord.....	6 do to 31st December, 1883.....	15 00	170 00
	County of Restigouche.		
Alex. McPherson.....	For 12 months salary, to 30th June, 1884.....	100 00	100 00
	County of Sunbury.		
G. W. Hoben.....	For 12 months salary, to 30th June, 1884.....	100 00	
W. E. Taylor.....	do do.....	30 00	130 00
	County of St. John.		
Joseph O'Brien.....	For 12 months salary, to 30th June, 1884.....	150 00	
Wm. E. Skillen.....	do do.....	100 00	250 00
	County of Victoria.		
Thomas D. Ryan.....	For 12 months salary, to 30th June, 1884.....	125 00	
Chas. Roberts.....	do do.....	30 00	
John McDougall.....	do do.....	30 00	
J. C. McCluskey.....	do do.....	30 00	
	Carried forward.....	215 00	6,844 15

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	215 00	6,814 15
	NEW BRUNSWICK—Continued.		
	SALARIES, ETC.—Continued.		
	<i>County of Victoria—Concluded.</i>		
Donald Frazer.....	For 12 months salary to 30th June, 1884.....	30 00	
Thomas Edgar.....	do do	30 00	
McN. Cameron.....	do do	30 00	
Agloire Caron.....	do do	30 00	
Thomas D. Ryan.....	Salary to 30th June, 1883.....	33 33	368 33
	<i>County of Westmoreland.</i>		
B. Deacon.....	For 12 months salary, to 30th June, 1884.....	100 60	
Robert Goodwin.....	do do	100 00	
T. Cormier.....	do do	60 00	260 00
	<i>County of York.</i>		
Robert Orr.....	For 12 months salary, to 30th June, 1884.....	150 00	
Campbell.....	do do	60 00	
M. Brown.....	do do	60 00	
nd. Cunningham.....	do do	50 00	
lex. Moir.....	do do	30 00	350 00
	DISBURSEMENTS OF FISHERY OVERSEERS.		
B. Deacon.....	For 12 months disbursements, to 31st Dec., '83.....	208 00	
Frank Todd.....	do do	158 50	
James Hickson.....	do do	153 00	
G. Williston.....	do do	129 75	
as. O'Brien.....	do do	129 50	
ohn Stymast.....	do do	126 00	
m. Wyse.....	do do	125 95	
amuel Gosline.....	do do	124 96	
dolphe Aché.....	do do	122 52	
eremie Mauzerolle.....	do do	119 75	
D. Ryan.....	do do	116 90	
as. A. Belyea.....	do do	106 50	
W. Hoben.....	do do	101 04	
W. B. McLaughlin.....	do do	100 00	
L. Cunningham.....	do do	97 50	
has. Cormier.....	do do	97 00	
Robert Orr.....	do do	92 25	
T. Hetherington.....	do do	90 32	
A. Gironard.....	do do	89 42	
as M. Lord.....	do do	84 25	
amuel Holt.....	do do	82 50	
lex. McPherson.....	do do	74 00	
ennis T. Cormier.....	do do	73 50	
ohn Hogan.....	do do	71 65	
udent Robichaux.....	do do	70 75	
obt. Goodwin.....	do do	64 06	
obt. Phillips.....	do do	57 55	
ames Harnett.....	do do	55 60	
	Carried forward	2,922 72	7,822 48

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	2,922 72	7,822 4
	NEW BRUNSWICK— <i>Continued.</i>		
	DISBURSEMENTS, &c.— <i>Concluded.</i>		
Jas. Russell.....	For 12 months disbursements, to 31st Dec., '83.....	53 10	
W. E. Skillen.....	do do.....	51 00	
S. Stewart.....	do do.....	41 80	
John Blake.....	do do.....	41 50	
G. R. Burt.....	do do.....	37 00	
Samuel Freeze.....	do do.....	32 34	
W. F. Hannah.....	do do.....	32 30	
Miles Dempsey.....	do do.....	29 00	
Leonard Best.....	do do.....	28 50	
Lazare Guimon.....	do do.....	25 80	
Kenneth Cameron.....	do do.....	22 35	
Joseph Sewell.....	do do.....	20 55	
E. A. Bamford.....	do do.....	18 25	
John Noble.....	do do.....	18 20	
Findlay McDiarmid.....	do do.....	17 50	
B. Brown.....	do do.....	14 58	
Alex G. Lindsay.....	do do.....	12 00	
Juste Haché.....	do do.....	11 60	
James Brown.....	do do.....	10 25	
Joseph Poirier.....	do do.....	8 00	
Jas. Fitzpatrick.....	do do.....	7 50	
Angus McIntosh.....	do do.....	5 50	
			3,461 3
W. H. Venning.....	For 12 months salary as Inspector of Fisheries, to 30th June, 1884.....	1,371 96	
G. R. Venning.....	Salary as Clerk to 30th June, 1884.....	395 04	
Receiver-General.....	Superannuation tax on W. H. Venning's salary, \$28, and C. R. Venning's, \$5.....	33 00	
W. H. Venning.....	12 months disbursement, travelling expenses, &c., as Inspector of Fisheries, to 30th June, 1884.....	661 44	
T. D. Ryan.....	To pay wages, special guardians, Tobique River.....	100 00	
J. & R. Young.....	Damage to lobster traps.....	145 00	
John Cameron.....	Balance wages as Special Guardian.....	75 00	
"Sun" Publishing Co.....	Advertising.....	51 50	
John McColm.....	Compensation for loss of nets.....	50 00	
James Barry.....	Wages as special guardian.....	43 00	
"The Daily News".....	Advertising.....	40 25	
T. B. Hannington.....	Postage stamps.....	34 00	
L. R. Harrison.....	Legal expenses.....	29 50	
Barnes & Co.....	Stationery.....	18 80	
John Secord.....	Wages as fishery guardian.....	15 00	
A. C. Smith.....	Water rates.....	9 93	
A. Christie & Co.....	Repairs to office.....	8 00	
J. R. Stone.....	Express charges.....	5 30	
Jane Millar.....	Washing.....	5 00	
S. J. King.....	Rent of Post Office box.....	4 00	
Ellen Hughes.....	Cleaning office.....	3 50	
Manchester, Robertson & Allison.....	Towels.....	2 50	
D. McAlpine.....	Directory.....	2 50	
			3,104 22
	Total.....		14,388 02

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.		Amount.	Total.
			\$ cts.	\$ cts.
PRINCE EDWARD ISLAND.				
SALARIES OF FISHERY WARDENS.				
<i>County of Queens.</i>				
Michael Ready.....	For 12 months salary, to 30th June, 1884.....		30 00	
Oniel Garnum.....	do do		30 00	
James Power.....	do do		30 00	
Jonathan Delaney.....	do do		30 00	
Mathieson.....	do do		30 00	
McKenzie.....	do do		30 00	
Francis Stanley.....	do do		30 00	
Wm. Whitehead.....	do do		30 00	
Thomas Murphy.....	do do		30 00	
Traynor.....	do do		30 00	
W. Stevenson.....	do do		30 00	
Van Iderstine.....	do do		30 00	
W. F. Beers.....	do do		30 00	
James Howatt.....	do do		30 00	
Loughrin.....	6 do 31st December, 1883.....		15 00	
Minique Buotte.....	2 do 30th June, 1884		5 00	
				440 00
<i>County of Prince.</i>				
James Ramsay.....	For 12 months salary, to 30th June, 1884.....		30 00	
Patrick McBride.....	do do		30 00	
William Burns.....	do do		30 00	
John Beaton.....	do do		30 00	
Thomas Drummond.....	do do		30 00	
W. A. Sharpe.....	do do		30 00	
John Chaisson, chapel.....	do do		30 00	
Herbert Aylward.....	do do		30 00	
James McDonald.....	do do		30 00	
L. Bryant.....	do do		30 00	
John Howatt.....	do do		30 00	
John Tucker.....	do do		30 00	
N. Nelligan.....	do do		30 00	
S. Gillis.....	do do		30 00	
John Rix.....	do do		30 00	
W. A. Sharpe.....	do do		30 00	
James A. McDonald.....	do do		30 00	
Lawrence Doyle.....	1 do do		2 50	
Keer Ramsay.....	1 do do		2 50	
A. Arsenault.....	1 do do		2 50	
P. B. Holland.....	1 do do		2 50	
				520 00
<i>County of Kings.</i>				
James McDonald.....	For 12 months salary, to 30th June, 1884.....		30 00	
Colman Mathewson.....	do do		30 00	
Michael Reilly.....	do do		30 00	
John Lowe.....	do do		30 00	
Herbert Duffy.....	do do		30 00	
John O'Brien.....	do do		30 00	
Patrick McCullough.....	do do		30 00	
John Dingwell.....	do do		30 00	
James Burke.....	do do		30 00	
James Mitchell.....	do do		30 00	
Carried forward			300 00	960 00

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward	\$ cts. 300 00	\$ c 960 00
	PRINCE EDWARD ISLAND— <i>Concluded.</i>		
	SALARIES ETC.— <i>Concluded.</i>		
	County of Kings— <i>Concluded.</i>		
Robt. Quinn.....	For 12 months salary, to 30th June, 1884.....	30 00	
John Conaghan.....	do do	30 00	
John McDonald.....	6 do 31st Dec., 1883.....	15 00	
Henry Morrow.....	10 do 30th June, 1884.....	25 00	
Ronald McDonald.....	2 do do	5 00	
			405 00
J. H. Duvar.....	For 12 months salary as Inspector of Fisheries.....	783 96	
Henry Clark.....	do Fishery Overseer.....	197 50	
Receiver General.....	Superannuation tax.....	18 50	
J. H. Duvar.....	For 12 months disbursements.....	336 54	
Allan McDonald.....	Extra services as Warden.....	44 00	
M. Ready.....	do do	15 00	
J. H. Dingwall.....	do do	5 00	
John McMillan.....	Chart of oyster beds	15 00	
W. Campbell.....	Special Guardian, Cousin's pond.....	15 00	
F. Stanley.....	Horse hire.....	6 00	
Telegraph Co.....	Telegrams.....	2 04	
Queen's Printer.....			1,438 80
			14 40
	Refund.....		2,817 90
			50 00
	Total.....		\$2,767 90
	BRITISH COLUMBIA.		
A. C. Anderson.....	For 12 months salary as Inspector of Fisheries, to 30th June, 1884.....	649 00	
Geo. Pittendreigh.....	12 mos. salary as Overseer, to 30th June, 1884.....	499 92	
C. F. Green.....	Services as Fishery Guardian, Frazer River.....	210 00	
C. Murphy.....	do do do	210 00	
C. W. D. Clifford.....	do do Naas & Skeena Rivers.....	100 00	
A. C. Anderson.....	Disbursements as Inspector.....	484 00	
Geo. Pittendreigh.....	do as Fishery Overseer.....	16 00	
T. N. Hibben & Co.....	Stationery.....	25 75	
J. Smith.....	Services as Messenger.....	15 00	
Queen's Printer.....	Printing.....	22 30	
			2,231 90
	MANITOBA.		
James Anderson.....	For Salary as Fishery Officer, from October, 1879, to February, 1882.....	450 00	
H. Martineau.....	Salary and disbursements as Fishery Officer.....	251 50	
Chas. V. Alloway.....	do do do	170 90	
			872 40
	LEGAL AND INCIDENTAL EXPENSES.		
L. R. Harrison.....	Professional services in suit, Spurr vs. Venning.....	105 00	
do.....	do do Phair vs. Venning.....	112 90	
do.....	do do Steadman & Hanson vs. Venning.....	30 00	
	Carried forward.....	247 90	

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward	247 90	
	LEGAL AND INCIDENTAL EXPENSES—<i>Con.</i>		
J. Hodgson	Professional services in suit, Assault on Warden		
red'k Peters	do do Garnum	334 50	
C. Barbarie	do do Crossman vs. Ramsay.	123 25	
A. Dixon	do do McPhee vs. Mowat....	50 00	
	eries Act at Belleville.....	28 00	
A. Verge	To pay costs of proceedings against J. P. Mowat,		
	for violation of Fishery Laws.....	86 75	
lacie Latour	Services as Constable.....	60 00	
E. Farewell	Costs in appeal of Benson, Shell & Dillon	38 32	
H. McMillan.....	Costs in suit, Delaney vs. McDonald	35 00	
			1,003 72
	ADVERTISING.		
ictoria "Standard" ...	For Advertising British Columbia Fisheries.....	7 00	
The Colonist"	do do do	7 40	
The Mainland Guar-	do do do	7 40	
dian"	do do do	4 44	
Inland Sentinel"	do do do	5 92	
Robson & Co.	do do do		
ale Bros.....	Setting apart Lake Simcoe in		
	"Orillia Packet"	10 50	
Garrett.....	do Fisheries	10 50	
Sun" Publishing Co...	do Sturgeon Fishery.....	10 50	
			63 66
	FISH HATCHERY, BRITISH COLUMBIA.		
omas Mowat.....	Salary as officer in charge, from 26th Sept., 1883,		
do	to 30th June, 1884	999 00	
ay-list	Disbursements in connection with hatchery, etc....	1,182 55	
C. Anderson	Wages of men for labour.....	994 21	
nglish & Co.	Expenses selecting site for building.	100 00	
rapp Bros.....	Hire of steamer.....	30 00	
as Cunningham.....	Hardware.....	69 18	
Haigh & Son.....	do	43 88	
do	Lumber, etc.....	33 00	
do	House rent	20 00	
ominion Sawmill Co...	Fishing skiffs.....	60 00	
R. Lewis	Lumber	60 00	
rake, Jackson & Co....	Logging chains, etc.....	9 62	
R. Pearson & Co....	On account of contract.....	25 00	
Mainland Guardian"	Stationery.....	9 12	
The British Columbia"	Printing, etc.....	8 50	
mes Wise	Advertising	3 75	
H. Pittendreigh.....	Coal oil, etc.....	4 50	
	Teaming	52 00	
			3,704 31
	FISH-BREEDING.		
muel Wilmot.....	12 months salary as Superintendent of Fish Cul-		
ceiver-General.....	ture, to 30th June, 1884.....	1,959 96	
	do superannuation tax.....	40 00	
			1,999 96
	Carried forward		1,999 96

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....		1,999 96
	FISH BREEDING— <i>Continued.</i>		
	NEWCASTLE ESTABLISHMENT, ONTARIO		
Charles Wilmot.....	Salary as officer in charge, to 30th June, 1884.....	750 00	
do	Allowance as clerk to Superintendent	249 96	
John Walker.....	Salary as caretaker, to 30th June, 1884.....	540 00	
John Kennefick.....	Labour	490 25	
Chas. Wilmot.....	Disbursements including travelling expenses collecting ova and distributing fry.....	1,087 91	
J. Kennefick.....	do do do	147 65	
Alf. Kent.....	Collecting fish eggs.....	119 50	
D. Troy.....	do	7 75	
H. McGinnis.....	do	15 00	
Joe. Marks.....	do	18 75	
E. Wilson.....	do	12 50	
J. Meney.....	do	7 50	
L. Rumley.....	do	26 88	
S. Doran.....	Collecting fish eggs.....	10 00	
E. Symes.....	do	15 00	
A. Kennedy.....	Tug hire do	15 00	
A. W. Davis.....	Expenses do	9 50	
A. Gunn & Co.....	Storage of boxes fish eggs.....	0 25	
John Walker.....	Paid girls picking eggs	137 25	
William Kennefick.....	Labour	60 00	
P. Kennefick.....	do	29 75	
J. Kennefick.....	do	25 63	
John Hill, sen.....	do	24 00	
John Haycroft.....	do	23 00	
Pat. Garvin.....	do	21 00	
Neil Taylor.....	do	19 50	
James McDonogh.....	do	12 00	
B. Allen.....	do	5 62	
Ezra Rex.....	do	5 00	
Daniel Ogden.....	do	5 00	
George Rex.....	do	4 37	
John Hill.....	do	3 75	
P. Kennefick, jun.....	do	1 88	
C. Wilmot.....	Paid for repairing dam.....	73 51	
S. Wilmot.....	do teaming.....	44 50	
John Otten.....	Teaming.....	25 50	
D. Ogden.....	do	1 50	
J. Masson.....	do	1 25	
Simmons & Pool.....	Carpenter's work.....	234 85	
Lewis Quick.....	Fish cans	109 05	
Wm. Richard.....	Coal	93 86	
J. R. Barefeldt.....	Hardware	32 39	
R. Fothergill.....	do	23 53	
Thomas Douglas.....	Horse hire	15 00	
do	Express charges.....	20 80	
Trout & Jay.....	do	13 15	
R. Fothergill.....	Telegraph account.....	18 33	
F. Farncomb.....	Customs duties on varnish	10 55	
Gutta Percha Mfg. Co.....	Rubber hose	31 13	
F. Stillwell.....	Blacksmith's work.....	13 88	
J. Cleland.....	Tin pans	7 45	
James Wright.....	Tinware	5 46	
Thomas Miller.....	Cotton.....	5 41	
J. H. Rolfe.....	Painting and glazing.....	1 80	
	Carried forward	4,684 05	1,999 96

STATEMENT of Expenditure on Account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	4,684 05	1,999 96
	FISH BREEDING—Continued.		
	NEWCASTLE ESTABLISHMENT, ONTARIO—Concluded.		
Postages.....		1 00	
Samuel Wilmot.....	Rent of land.....	200 00	
G. M. Clarke.....	do water privilege.....	100 00	
			4,985 05
	SANDWICH HATCHERY, ONTARIO.		
Wm. Parker.....	12 months salary as officer in charge to 30th June, 1884.....	750 00	
Wm. Hill.....	Wages as assistant.....	346 25	
Alex. McComb.....	do engineer.....	253 00	
C. Lemonde.....	do do.....	59 00	
Wm. Parker.....	Disbursements, collecting ova and distributing fry.....	267 35	
Jas. McKee.....	Supplying whitefish ova, 1881, 1882 and 1883.....	350 00	
do.....	Board of men, collecting ova.....	16 00	
J. D. Meloche.....	do do.....	6 00	
H. C. Bell.....	Horse hire.....	18 00	
Jos. Paré.....	Distributing fry.....	18 00	
Wm. Hill.....	do.....	13 60	
And. Hackett.....	do.....	12 00	
Jos. Lazarus.....	do.....	7 50	
Odette & Wherry.....	Use of tug distributing fry.....	15 00	
Jos. Paré.....	Cordwood.....	289 50	
M. Winterburn.....	Sawing cordwood.....	17 50	
M. O'Brien.....	do.....	16 27	
Odette & Wherry.....	Coal.....	46 75	
Bell Ice Co.....	do.....	19 60	
W. G. Nutson.....	Lumber and repairs.....	151 40	
Pequenot & Co.....	Paints, oils, &c.....	94 08	
R. Purser & Son.....	Hardware.....	82 05	
C. Lemonde.....	Carpenters' work.....	25 50	
G. Banetina.....	Laying pipes.....	6 00	
Kerr Bros.....	Repairing engine.....	3 50	
Jos. Hall.....	do pump.....	6 40	
Wm. Adams.....	Painting.....	14 00	
James McKee.....	Rent of grounds.....	20 00	
J. W. Tringham.....	Rent of telephone.....	67 87	
James Cowan.....	Valuing land.....	22 00	
J. P. Clark.....	Board of men.....	5 00	
Jas. McKee.....	Horse hire.....	7 00	
			3,026 12
	TADOUSSAC ESTABLISHMENT, QUEBEC.		
Jos. Radford.....	12 months salary as officer in charge, to 30th June, 1884.....	600 00	
Pierre Plourde.....	11 months wages as caretaker, to 30th June, 1884.....	308 00	
Jos. Radford.....	Pay list, labor at hatchery.....	325 29	
Wm. Manning.....	Labor at hatchery.....	132 72	
Amase Simard.....	do.....	27 48	
B. D. Pednault.....	do.....	16 87	
J. Jourdain.....	do.....	15 00	
D. McLaren.....	do.....	13 50	
Sidore Tremblay.....	do.....	4 80	
D. Boulliane.....	do.....	2 61	
Mahe.....	do.....	2 00	
	Carried forward.....	1,448 27	10,011 13

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts. 1,448 27	\$ cts. 10,011 13
	FISH BREEDING—Continued.		
	TADOUSAC ESTABLISHMENT, QUEBEC—Concluded.		
C Tremblay.....	Labor at hatchery	1 40	
X. Mallard.....	do	1 20	
M. Fortier.....	do	1 00	
F. Boulliane.....	Night watchman.....	58 10	
E. Potvin.....	Wages as guardian.....	40 00	
N. Simard.....	do	22 00	
A. Simard.....	do	20 00	
D. McLaren.....	do	54 00	
P. Pednault.....	do	22 00	
Wm. Manning.....	Boat hire.....	29 53	
A. Goudreau.....	do	17 50	
Geo. Manning.....	do	8 40	
A. Moreau.....	Distributing fry.....	8 00	
J. Caron.....	do	4 00	
H. Tremblay.....	do	4 00	
D. Simard.....	do	2 40	
M. Boivin.....	do	2 00	
Joseph Boily.....	do	2 00	
W. Dufour.....	do	1 00	
P. Harveux.....	do	0 60	
Jos. Radford.....	To pay board of men.....	12 15	
Roger Terrien.....	Repairing dam.....	16 70	
Walter Rae.....	Lumber.....	96 28	
do.....	Hardware.....	36 92	
H. S. Scott.....	do	12 85	
Frs. Bourgoing.....	do	4 40	
H. S. Scott.....	do	14 17	
N. Rouleau.....	Blacksmiths' work.....	11 10	
O. Boulliane.....	Pails, cotton, &c.....	2 60	
Postages.....	do	2 00	
A. Moreau.....	Repairing nets.....	0 40	
Jules Tremblay.....	do	0 50	
Telegrams.....	do	1 84	
F. T. Thomas.....	Lamp chimneys.....	4 20	
P. Plourde.....	Account for board.....	5 60	
do.....	Disbursements with fry.....	68 19	
W. J. Ray.....	Towing fry.....	38 00	
Jos. Boily.....	Disbursements.....	30 90	
L. Plourde.....	Repairing tent.....	0 50	
W. Hovington.....	Tending Point Rouge fishery.....	117 70	
Steamer "Saguenay".....	Freight.....	7 85	
			2,232 25
	RISTIGOUCHE ESTABLISHMENT, QUEBEC, AND NEW BRUNSWICK.		
Alex. Mowat.....	12 months salary as officer in charge to 30th June, 1884.....	600 00	
Wm. Robertson.....	do as assistant do.....	360 00	
Alex. Mowat.....	Disbursements, collecting ova and distributing fry.....	196 11	
Ed. Bolton.....	Catching and guarding fish.....	120 00	
W. Mowat.....	Catching parent salmon.....	30 00	
Ed. Mann.....	do	25 00	
H. Bell.....	do	24 00	
H. Miles.....	do	20 00	
	Carried forward.....	1,375 11	12,243 38

STATEMENT of Expenditure on Account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	1,375 11	12,243 38
	FISH BREEDING.— <i>Continued.</i>		
	RISTIGOUCHE ESTABLISHMENT, QUEBEC AND NEW BRUNSWICK.— <i>Continued.</i>		
nes Parker.....	Catching parent salmon	21 00	
Mann.....	do	7 50	
Horan.....	do	7 50	
Parker.....	do	3 00	
bt. Duff.....	do	2 60	
x. Mowatt.....	Labor removing hatchery.....	105 00	
t. Parker.....	do	24 00	
Bell.....	do	18 00	
W. Moores.....	do	18 00	
Moores.....	do	17 50	
Murray.....	do	13 00	
Harris.....	do	11 00	
Pratt.....	do	11 00	
Harris.....	do	7 50	
Arseneault.....	do	6 25	
Frazer.....	do	1 00	
Nelson.....	Labor, horse hire and canoe hire.....	60 00	
nes Mills.....	do	55 00	
Robertson.....	Horse hire.....	4 00	
x. McDonald.....	Canoe hire	6 00	
P. Mowat.....	Hire of scow.....	54 50	
do.....	Hardware.....	111 87	
os. Mowat.....	Labor.....	28 00	
E. Asker.....	do	9 00	
ker & Anderson.....	do	2 00	
nes Gillis.....	do	1 45	
s. J. Mowat.....	Board of men.....	228 93	
t. McMillan.....	Making gates for reservoir.....	9 00	
t. Moores.....	Rafting timber.....	55 00	
Girard.....	Repairing salmon nets.....	14 00	
Weirs.....	Rafting.....	2 00	
Ferguson.....	Packing cotton, for eggs.....	2 00	
n. Mowat.....	Hauling wood.....	22 00	
ann.....	Sawing wood.....	10 00	
n. Robertson.....	Repairing nets.....	15 00	
			2,338 11
	GASPÉ ESTABLISHMENT—QUEBEC.		
Philip Vibert.....	12 months salary as officer in charge, to 30th June, 1884.....	300 00	
ary Davis.....	do		
	assistant officer in charge, to 30th June, 1884.....	300 00	
Philip Vibert.....	Disbursements, to 30th June, 1884.....	67 40	
S. Davis.....	Catching and watching parent salmon.....	186 50	
ary Olsen.....	do	33 75	
t. Cass.....	do	19 50	
C. Davis.....	Spawning fish.....	20 25	
B. Coffin.....	do	17 25	
A. Davis.....	do	2 00	
C. Davis.....	Distributing fry.....	63 00	
ter Miller.....	do	31 50	
nes B. Coffin.....	do	40 50	
S. Sanson.....	do	29 00	
B. Coffin.....	do	28 60	
ughlin Miller.....	do	28 60	
	Carried forward	1,167 85	14,581 49

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ ct
	Brought forward	1,167 85	14,581 45
	FISH-BREEDING— <i>Continued.</i>		
	GASPÉ ESTABLISHMENT, QUÉBEC— <i>Concluded.</i>		
Alf. Stanley	Distributing fry	28 60	
Jos. Cass	do	27 70	
Adolphus Touzel	do	27 30	
John Vezina	do	27 30	
John Johnston	do	26 00	
F. J. Annett	do	25 85	
John McCallum	do	7 50	
J. S. Davis	Labour	65 00	
W. C. Davis	do	9 75	
Hugh Leslie	Ferriage	10 50	
Henry Olsen	Clearing pond	10 50	
Alf. Stanley	do	7 50	
Richard Miller	Canoe man	10 40	
Thos. Cabot	Wading boots	6 00	
Henry Davis	Board	3 50	
do	Cordwood	11 50	
F. J. Annett	Hauling coal	12 00	
S. Veit	Coal	30 00	
J. & E. Collas	Hardware, etc	17 56	
J. Lebouillier & Co.	do	4 12	
Margaret Bain	Repairing nets	5 50	
Ab. Coffin	do	4 50	
J. Lavoie	Drawing deel	6 00	
Henry Davis	9 years' rent of land, from 1875 to 1884	180 00	
do	Purchase of land	200 00	
			1,932 45
	MAGOG ESTABLISHMENT, QUÉBEC.		
A. H. Moore	12 months salary as officer in charge to 30th June, 1884	600 00	
do	Disbursements connected with collecting ova	145 41	
C. Wilmot	Disbursements collecting and conveying ova to Magog	150 00	
A. H. Moore	Paid for picking ova	38 45	
W. F. Whitcher	Expenses inspecting hatchery	52 46	
S. P. Bauset	do	23 00	
Textile and Print Co.	Transfer of land	1,000 00	
			2,009 35
	BEDFORD BASIN ESTABLISHMENT, NOVA SCOTIA.		
A. B. Wilmot	12 months salary as officer in charge to 30th June, 1884	800 00	
F. G. Tolson	do assistant	252 00	
John Tolson	Assistance	17 50	
A. B. Wilmot	Disbursements collecting eggs, distributing fry, etc., etc.	393 98	
F. G. Tolson	do do	36 35	
Albert Tolson	Conveyance of fry	79 75	
O. K. Fillmore	Catching salmon	149 75	
Wm. Beck	do	93 00	
And. Muirhead	Labour	66 25	
do	do	63 75	
J. D. Eamos	do	40 00	
	Carried forward	1,992 33	18,523 24

STATEMENT of Expenditure on account of Fisheries, etc.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
		\$ cts.	\$ cts.
	Brought forward.....	1,992 33	18,523 24
	FISH BREEDING—Continued.		
	BEDFORD BASIN ESTABLISHMENT, NOVA SCOTIA—Con.		
D. D. Fillmore.....	Labor.....	21 75	
Robt. Reynard.....	do.....	7 25	
Moir, Son & Co.....	Hardware, oil, etc.....	51 65	
Cheakston & Angevin ..	do.....	31 00	
G. J. Harris.....	Tinware.....	25 77	
G. W. Gilroy.....	Hardware.....	4 24	
Lyons Hatfield.....	do.....	7 46	
Lincoln Williams.....	Zinc tubes.....	4 45	
J. Cunard & Co.....	Coal.....	72 00	
Robert Anderson.....	Freight on coal.....	12 00	
A. B. Wilmot.....	Paid for carting coal.....	6 00	
Phos. Rodley.....	Lumber.....	41 90	
J. A. Hatfield.....	do.....	19 96	
J. A. Wood & Co.....	do.....	4 90	
Oxford Furniture Co.....	do.....	4 00	
A. Tolson.....	Teaming.....	57 00	
J. McGillivray.....	do.....	8 00	
J. B. Worthylake.....	Chain pump.....	12 50	
J. E. Wilson.....	Pump.....	7 00	
D. M. Geldert.....	Horse hire.....	30 00	
Gas. Ward.....	do.....	18 50	
J. P. Mott.....	Lime.....	4 00	
W. Stairs & Son.....	Twine.....	6 47	
Breighton & Marshall.....	Stationery.....	6 75	
J. Boutilier.....	Knitting nets.....	9 00	
Wm. Gaul.....	Oil clothes.....	15 00	
Wm. Dinsmore.....	Repairing canoes.....	2 25	
J. Hingley.....	Telegrams.....	2 06	
Western Union Tel. Co.....	do.....	3 16	
Mrs. W. Moore.....	Board of men.....	19 00	
J. L. Rood.....	do.....	18 00	
J. A. Wood.....	Rent of water privilege.....	8 00	
J. W. Wood.....	Rent of land.....	24 50	
J. Thompson.....	Trucking boxes.....	12 00	
Breighton & Marshall.....	Stationery.....	3 25	
Albt. Tolson.....	Cutting and hauling ice.....	25 00	
A. B. Wilmot.....	Shingles for ice house.....	12 00	
J. Allan.....	Cleaning house.....	5 00	
J. Haverstock.....	Barrels.....	24 75	
			2,639 85
	SYDNEY ESTABLISHMENT, NOVA SCOTIA.		
J. A. Farquharson.....	12 months salary as officer in charge, to 30th June, 1884.....	500 00	
W. J. Dunlop.....	12 months salary as assistant officer in charge, to 30th June, 1884.....	310 00	
J. A. Farquharson.....	Disbursements collecting eggs and distributing fry.....	161 17	
J. Ross.....	Catching salmon.....	314 65	
Wm. Morrison & McIntyre.....	do.....	145 00	
J. McKae.....	do.....	103 45	
Wm. Roach.....	do.....	18 50	
Wm. McMillin Gillis.....	do.....	16 00	
Wm. Kenneth McKenzie.....	Distributing fry.....	85 50	
Wm. Clements.....	do.....	18 75	
	Carried over.....	1,673 02	21,163 09

STATEMENT of Expenditure on account of Fisheries, etc.—Continued.

To whom Paid.	Service.	Amount.	Total.
	Brought forward.	\$ cts. 1,673 02	\$ cts. 21,163 0
	FISH BREEDING—Continued.		
	SYDNEY ESTABLISHMENT, NOVA SCOTIA—Con.		
Sydney Coal Co.	Coal	41 00	
A. C. Campbell.....	Hauling coal.....	13 20	
R. McKenzie	Horse hire.....	31 00	
J. G. Dunlop.	do	18 00	
W. J. Dunlop.	do	10 50	
C. H. Harrington.....	Lumber.....	18 73	
W. J. McLellan.....	Tinsmith's work.....	17 47	
H. McDonald.....	Balance of extras on building.....	94 20	
J. Dobson.....	Ice	6 00	
N. & J. McLellan.	Stove pipes.....	10 90	
E. Watson.....	Fish tanks.....	9 00	
J. A. Ross.....	Hardware.....	18 79	
Burchill, Matheson & Co.	Hardware	72 20	
John Morrison.....	Making and repairing nets.....	25 00	
J. A. McKenzie.....	Stationery.....	11 46	
Angus McLeod.....	Paint	14 79	
			\$2,088
	MIRAMICHI ESTABLISHMENT, NEW BRUNSWICK.		
Isaac Sheagreen	12 months salary as Officer in Charge, to 30th June, 1884.....	499 92	
Pat. Hogan.....	Catching salmon.....	108 40	
Pat. Gillis	do	71 20	
Michael Ryan.....	do	66 40	
W. T. Sheasgreen.....	do	66 50	
Richard Murphy	do	65 00	
J. Sheasgreen	do	16 00	
John Sheasgreen	do	52 00	
W. F. Sheasgreen	Horse hire, &c.....	34 30	
R. R. Call.....	do	80 00	
W. F. Sheasgreen.....	Coal	32 00	
John Ferguson.....	Carting coal	56 39	
Elsen Tozer.....	Hardware.....	50 00	
J. H. Phinney.....	Building scow	10 25	
James Fish.....	Lantern and cans	6 78	
W. F. Sheasgreen.....	Lumber	11 00	
	Cutting ice		1,226
	ST. JOHN RIVER ESTABLISHMENT, NEW BRUNSWICK.		
Chas. McCluskey.....	12 months salary as Officer in Charge, to 30th June, 1884.....	499 92	
do	Disbursements procuring ova, &c., &c.....	308 36	
F. C. Mills.....	Supplying salmon eggs.....	42 45	
Alex. Mowat.....	Disbursements with eggs.....	69 25	
R. A. McCluskey.....	Labour.....	3 75	
Robt. McCluskey.....	do	3 25	
James Shehan	do	2 50	
D. Frazer.....	do	1 50	
Frank Craig.....	Board	3 00	
N. B. Railway.....	Trucking.....	0 44	
Chas. McCluskey.....	Freight	116 50	
Margaret Picket.....	Coal.....	50 00	
	Rent of land		1,100
	Carried forward		25,578

STATEMENT of Expenditure on account of Fisheries, &c.—*Continued.*

To whom Paid.	Service.	Amount.	Total.
	Brought forward.....	\$ cts.	\$ cts.
			25,578 41
	FISH BREEDING— <i>Concluded.</i>		
	DUNK RIVER ESTABLISHMENT, P. E. ISLAND.		
Henry Clark.....	12 months salary as Officer in Charge, to 30th June, 1884.....	395 00	
Receiver-General	Superannuation tax.....	5 00	
Henry Clark.....	Disbursements distributing fry, etc.....	127 27	
Bertram Clark.....	Labour.....	93 00	
D. Rogers	Coal	123 13	
Henry Clark.....	Hauling coal.....	28 00	
			771 40
	GENERAL DISBURSEMENTS.		
W. H. Rogers.....	Compensation for use of Roger's patent fish way...	400 00	
N. L. Todd & Co.....	Building fishway, Indian River, N.S.....	195 87	
G. Kerr & Sons.....	do Middle do	130 85	
J. B. Kinney.....	do Carleton do	120 87	
Stewart, Freeman & Co.	do Jordan do	55 69	
R. Pevoril.....	do Tangier do	47 45	
B. Haley	do Annapolis do	34 06	
J. B. Kinney.....	Superintending building fishways.....	108 00	
Lewis Quick	Boxes for ova for Marquis of Lorne.....	29 70	
J. A. Hatfield.....	Removing obstruction in Tusket River, N.S.	44 97	
N. Y. Coal Tar Co.....	Paraffine varnish	21 00	
T. Douglas.....	Express charges on varnish.....	10 00	
Canadian Express Co....	Charges on salmon from British Columbia.....	26 80	
S. McLaughlin.....	Photographs lobster specimens.....	5 00	
P. Valiquet.....	Plans of fishways.....	5 00	
			1,235 26
	Total.....		27,585 07

STATEMENT of Expenditure on account of Fisheries, etc.—*Concluded.*

RECAPITULATION.

	\$	cts.	
Ontario.....	15,192	73	
Quebec.....	13,186	26	
Nova Scotia.....	15,600	01	
New Brunswick.....	14,388	02	
Prince Edward Island.....	2,767	98	
British Columbia.....	2,231	97	
Manitoba.....	872	40	
Legal and incidental expenses.....	1,003	72	
Advertising.....	63	66	
Fish Hatchery, British Columbia.....	3,704	31	69,011 06
<i>Fish Breeding.</i>			
Superintendent's Salary.....	1,999	96	
Newcastle Establishment.....	4,985	05	
Sandwich do.....	3,026	12	
Tadoussac do.....	2,232	25	
Ristigouche do.....	2,338	11	
Gaspé do.....	1,932	43	
Magog do.....	2,009	32	
Bedford Basin do.....	2,639	85	
Sydney do.....	2,088	26	
Miramichi do.....	1,226	14	
St. John River do.....	1,100	92	
Dunk River do.....	771	40	
General Disbursements.....	1,235	26	27,585 07
Total.....			96,596 13

FISHING BOUNTIES.

APPENDICES.

GENERAL STATEMENT

OF Fishing Bounty Claims received, for the Year 1883.

Province.	County.	Number of Claims Received.	Number of Claims Rejected.
Nova Scotia.....	Antigonish.....	298	1
	Annapolis.....	277	6
	Cape Breton.....	574	22
	Digby.....	495	7
	Guysboro'.....	869	4
	Halifax.....	1,297	2
	Inverness.....	537	
	Kings.....	37	
	Lunenburg.....	559	6
	Pictou.....	24	
	Queens.....	208	5
	Richmond.....	847	8
	Shelburne.....	569	29
	Victoria.....	549	3
	Yarmouth.....	231	4
		7,171	97
New Brunswick.....	Charlotte.....	638	48
	Gloucester.....	633	13
	Kent.....	274	50
	Northumberland.....	10	
	Restigouche.....	2	
	St. John.....	127	3
	Westmoreland.....	9	
		1,693	114
Prince Edward Island.....	King's.....	501	10
	Prince.....	463	8
	Queen's.....	174	15
		1,138	33
Quebec.....	Bonaventure.....	1,121	209
	Gaspé.....	1,939	26
	Rimouski.....	20	20
	Saguenay.....	522	24
		3,602	279

RECAPITULATION.

Nova Scotia.....	7,171	97
New Brunswick.....	1,693	114
Prince Edward Island.....	1,138	33
Quebec.....	3,602	279
Totals.....	13,604	523

GENERAL STATEMENT of Payments made on account of Fishing Bounty Claims, for the Year 1883.

Province.	County.	Amount Paid.	Total.
		\$ cts.	\$ cts.
Nova Scotia.....	Antigonish	482 50	
	Annapolis	2,045 50	
	Cape Breton.....	3,239 50	
	Digby.....	4,834 50	
	Guysboro'	7,559 00	
	Halifax.....	12,100 50	
	Inverness	3,994 50	
	King's.....	303 50	
	Lunenburg.....	19,508 00	
	Pictou.....	322 00	
	Queen's.....	2,634 00	
	Richmond.....	7,774 00	
	Shelburne.....	11,070 50	
	Victoria	3,282 50	
	Yarmouth.....	10,181 00	
			89,383 50
New Brunswick	Charlotte	5,210 00	
	Gloucester	4,056 00	
	Kent.....	1,463 50	
	Northumberland	120 50	
	Restigouche	52 00	
	St. John	1,448 70	
	Westmoreland	40 00	
			12,390 70
Prince Edward Island.....	King's.....	3,083 64	
	Prince.....	3,840 00	
	Queen's.....	1,646 00	
			8,569 64
Quebec	Bonaventure.....	3,846 50	
	Gaspé.....	11,452 00	
	Saguenay.....	4,685 01	
			19,883 51

RECAPITULATION.

Nova Scotia.....		89,383 50
New Brunswick.....		12,390 70
Prince Edward Island.....		8,569 64
Quebec		19,883 51
	Total.....	130,227 35

STATEMENT showing Fishing Bounties paid to VESSELS in each County,
for the Year 1883.

Province.	County.	No. of Vessels.	Tonnage.	Average Tonnage.	No. of Men.	Amount Paid..
						\$ cts.
Nova Scotia	Annapolis.....	22	419	19	96	838 00
	Cape Breton.....	12	218	18	45	436 00
	Digby.....	73	3,334	46	422	2,652 00
	Guysboro'.....	35	1,457	41	263	2,914 00
	Halifax.....	120	3,018	25	718	6,020 00
	Inverness.....	11	286	26	57	572 00
	King's.....	3	73	24	9	146 00
	Lunenburg.....	154	8,829	57	1,686	17,658 00
	Pictou.....	4	101	25	13	202 00
	Queen's.....	24	913	38	224	1,826 00
	Richmond.....	63	1,779	28	446	3,558 00
	Shelburne.....	84	4,372	52	968	8,744 00
	Victoria.....	8	246	31	44	492 00
	Yarmouth.....	87	4,743	54	1,247	9,486 00
		700	29,788	43	6,238	55,544 00
New Brunswick.	Charlotte.....	71	1,190	17	309	2,380 00
	Gloucester.....	19	246	13	60	492 00
	Kent.....	8	133	17	27	266 00
	Northumberland.....	2	34	17	9	68 00
	Restigouche.....	2	26	13	5	52 00
	St. John.....	24	473	20	86	861 20
		126	2,102	17	496	4,119 20
Prince Edward Island....	King's.....	6	193	32	20	293 14
	Prince.....	8	209	26	35	418 00
	Queen's.....	2	48	24	11	96 00
		16	450	28	66	807 14
Quebec.....	Gaspé.....	27	1,076	40	194	2,152 00
	Saguenay.....	33	1,133	34	243	2,268 01
		60	2,209	37	437	4,418 01

RECAPITULATION.

Nova Scotia.....	700	29,788	43	6,238	55,544 00
New Brunswick.....	126	2,102	17	496	4,119 20
Prince Edward Island....	16	450	28	66	807 14
Quebec.....	60	2,209	37	437	4,418 01
Totals.....	902	34,549	38	7,237	64,888 35

STATEMENT of Fishing Bounties paid to BOATS, for the Year 1883.

Province.	County.	No. of Boats.	No. of Men.	Amount Paid.
				\$ cts.
Nova Scotia.....	Antigonish	97	193	482 50
	Annapolis	252	483	1,207 50
	Cape Breton.....	541	1,140	2,853 50
	Digby	416	873	2,182 50
	Guysboro'	860	1,857	4,645 00
	Halifax	1,200	2,433	6,080 50
	Inverness	526	1,369	3,422 50
	King's	34	63	157 50
	Lunenburg	400	740	1,850 00
	Pictou	20	48	120 00
	Queen's	179	324	810 00
	Richmond	791	1,687	4,216 00
	Shelburne.....	461	930	2,326 50
	Victoria	538	1,116	2,790 50
	Yarmouth	141	278	695 00
		6,456	13,534	33,839 50
New Brunswick.....	Charlotte	519	1,132	2,830 00
	Gloucester	601	1,426	3,564 00
	Kent.....	216	479	1,197 50
	Northumberland	8	21	52 50
	St. John.....	100	234	587 50
	Westmoreland	9	16	40 00
		1,453	3,308	8,271 50
Prince Edward Island	King's.....	493	1,115	2,790 50
	Prince	447	1,368	3,422 00
	Queen's	157	620	1,550 00
		1,097	3,103	7,762 50
Quebec.....	Bonaventure.....	912	1,539	3,846 50
	Gaspé.....	1,886	3,720	9,300 00
	Saguenay	468	928	2,319 00
		3,266	6,187	15,465 50

RECAPITULATION.

Nova Scotia.....	6,456	13,534	33,839 50
New Brunswick	1,453	3,308	8,271 50
Prince Edward Island.....	1,097	3,103	7,762 50
Quebec.....	3,266	6,187	15,465 50
Totals.....	12,272	26,132	65,339 00

DETAILED STATEMENT of Fishing Bounties paid to VESSELS, for the Year 1883.

PROVINCE OF NOVA SCOTIA.

ANNAPOLIS COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts
77,957	Kedron	Annapolis	23	J. & Hd. Anderson.	Granville	3	46 00
53,347	Sea Gull	do	20	Stephen Anderson..	do	4	40 00
36,569	Hope	Halifax	34	Elias Hudson, sen..	Parker's Cove.	4	68 00
51,378	Ita	St. Andrews, N.B.	15	A. J. and W. C. Woodworth	Litchfield	4	30 00
77,732	Heather Bell	Digby	13	U. A. Piggott	Granville	3	26 00
38,164	Tivy	Yarmouth	28	Geo F. Neville	do	4	56 00
83,258	Alfred	Annapolis	23	Alfred Longmire ...	do	5	46 00
83,255	Floyd	do	20	Samuel Sproul	Litchfield	7	40 00
83,260	Gazelle	do	20	Joseph Hall	Granville	3	40 00
83,256	Marquis of Lorne ..	do	27	do	do	6	51 00
83,257	Princess Louise	do	21	do	do	5	42 00
83,254	Sea Foam	do	28	James E. Shafner...	do	5	56 00
57,130	Water Lily	Yarmouth	13	Ed and Jas. John ..	do	6	26 00
44,164	Lilla Dale	Digby	14	Stephen Taylor	Victoria Beach	5	28 00
75,426	Dolphin	Annapolis	11	Handly Lewis	Port Lorne	4	22 00
51,745	Valley	St. Andrews, N.B.	11	Wm. Starratt	do	3	22 00
83,253	Rescue	Annapolis	17	Josiah Burrill	Clements	5	34 00
77,956	Speed	do	13	Chas. W. Burrill ...	do	5	26 00
77,958	Maggie M.	do	16	W. F. Potter	do	4	32 00
83,259	Hettie May	do	15	Jas. R. Roop	do	4	30 00
57,109	Sea Bird	Yarmouth	22	James E. Shafner...	do	4	44 00
77,766	Laconic	Shelburne	15	David Milner	Parker's Cove.	3	30 00

CAPE BRETON COUNTY.

80,977	Ingraham	Sydney	14	Chas. Ainsley, sen..	North Sydney..	4	28 00
75,703	Stella Maria	do	10	Michael McDonald..	Leitch's Creek	3	20 00
74,038	River Queen	do	32	Peter Desveaux	Lit. Bras d'Or.	4	64 00
80,973	Ocean Wave	do	20	Samuel Moore	do	5	40 00
80,961	Water Lily	do	19	Theodore Martell ..	Lit. Glace Bay	4	38 00
36,136	Queen of the East ..	Halifax	25	Michael Burke	Main-d-Dieu ...	3	50 00
80,963	Princess	Sydney	10	James W. Grant ...	Gabarouse	2	20 00
80,969	May Flower	do	11	Wm & Thos. Kelly ..	Lingan	3	22 00
74,125	George Williams ...	do	16	Mal'cm McPherson	Sydney	4	31 00
77,857	Sailor's Bride	do	10	Florence E. O'Brien	Lit. Bras d'Or.	4	20 00
74,039	James Henry	do	18	Chas. W. Dunn	North Sydney ..	5	36 00
51,792	Alice May	Halifax	33	Solomon Tutty	Louisburg	4	66 00

DIGBY COUNTY.

42,800	Helen Maud	Digby	19	Edgar and Chas McDormand	Westport	5	38 00
42,081	Randolph P	do	14	Chas. McDormand..	do	4	28 00
85,683	Edith L.	do	16	John & Isaac Peters	do	4	32 00
72,977	Nellie H. Ham	do	26	Isaac Peters	do	7	52 00
75,614	Fawn	Shelburne	17	do	do	6	34 00

PAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*DIGBY COUNTY—*Continued.*

Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
						\$ cts.
Ocean Lily.....	Digby	17	M. D. Peters.....	Westport.....	6	31 00
Vesta.....	Shelburne	21	Clarence Peters....	do	7	42 00
T. W. S. Greser	Lunenburg	30	James A. Peters.....	do	8	60 00
Silver Cloud	Digby	41	do	do	9	82 00
Flash	do	10	do	do	5	20 00
Ulrica	do	20	Jacob Davis	do	3	40 00
River Rose	Barrington.....	13	George Cann.....	do	6	26 00
Hattie T.....	Digby	16	Frank Titus.....	do	6	32 00
Elmer	do	15	Charles Titus.....	do	6	30 00
Annie Coggins.....	Digby	22	Annie and William Coggins.....	Westport	6	44 00
Fairy Queen.....	Yarmouth.....	12	Wallace Coggins....	do	4	24 00
Florence.....	St. John, N.B.	15	E. C. Bowers.....	Digby Co.....	4	30 00
Thrush	Yarmouth.....	13	Stephen Payson	do	5	26 00
Willie	do	21	James Glaven.....	Freeport.....	8	42 00
Malapert.....	Digby	22	Henry and James Glaven.....	do	8	44 00
Sea Breeze.....	do	13	Handford Denton....	Westport.....	4	26 00
Yuba.....	Yarmouth.....	15	John Collins	Cape Cove.....	6	30 00
Jennie C.....	do	16	Charles Hicks.....	do	6	32 00
Dreadnaught.....	do	19	J. D. Payson.....	Westport.....	6	38 00
Freddie G.....	Digby	18	do	do	5	36 00
Gladstone	do	16	Augustus Haycock ..	do	6	32 00
Condor	Yarmouth.....	11	Maurice Haycock....	do	5	23 00
Etta.....	do	17	do	do	6	34 00
Minnie C.....	Digby	18	Charles H. Bailey ..	do	6	36 00
Freddie Stevens....	do	24	William Howard	do	7	48 00
Buda.....	do	20	E. P. Ruggles.....	do	6	40 00
Lost Heir.....	Port Medway.....	14	Amos Outhouse.....	Tiverton	5	28 00
Happy Return.....	Weymouth.....	13	Albert Outhouse....	do	3	26 00
Festino.....	do	26	Holland Outhouse ..	do	6	52 00
Monitor.....	Lunenburg	35	John Allen and Son ..	do	7	70 00
Ella H.....	Digby	13	Milton & Ed. Haines ..	Freeport.....	5	26 00
Helen Gertrude....	Yarmouth.....	16	do	do	6	32 00
Dove.....	do	19	Joseph Ossinger....	do	7	38 00
Wave	Digby	11	Frank Thurber	do	5	22 00
Lora T.....	do	16	Joseph Thurber.....	do	6	32 00
Prince	Yarmouth.....	10	Geo. H. Stevens.....	do	5	20 00
Lizzie P.....	Digby	12	Norman Parry.....	do	2	24 00
Stella.....	Yarmouth.....	24	John Denton	do	6	48 00
Little Fury.....	Digby	13	Joseph Hall	Granville.....	3	26 00
Lizzie Jane.....	do	18	John W. Snow.....	Digby	5	36 00
We are Here.....	do	13	do	do	2	26 00
Zouave.....	Yarmouth.....	20	Joseph E. Snow.....	do	*2	24 00
Minnie Ha! Ha!.....	Shelburne.....	20	E. N. Lutz <i>et al.</i>	do	5	40 00
May Rose.....	Yarmouth.....	26	John Starr Hayden ..	L. Granville... ..	10	52 00
Lottie.....	do	12	Bruce Kerr	Digby	5	24 00
Morning Star.....	do	25	J. W. Cousins.....	do	10	50 00
West Wind.....	Digby	25	do	do	10	50 00
Twilight.....	do	14	James Ellis.....	do	4	28 00
L. M. Ellis.....	do	35	W. E. Ellis <i>et al.</i>	do	8	70 00
Victoria.....	do	29	Turnbull & Welsh ..	Smith's Cove... ..	7	58 00
M. P. Reed.....	Annapolis.....	30	David Sprout <i>et al.</i> ..	do	10	60 00
Economist.....	do	14	Adelbert Ryder, sr. ..	Granville.....	6	28 00
Constitution.....	Digby	28	Charles J. Baker.....	do	10	56 00
Mabel.....	do	39	George T. Wright....	Digby	4	78 00
Charlie.....	Weymouth.....	10	James Hutchinson... ..	do	5	20 00
Willie M.....	Yarmouth.....	24	Josiah Ellis.....	Maitland	9	48 00

* Four of crew did not fish three months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—C

DIGBY COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Am of Bo Pa
85,534	Lloyd.....	Yarmouth.....	23	John H. Harris <i>et al</i> .....	.....	8	\$ 4
85,539	Maggie Jane	do	12	Mande Trakan <i>et al</i>	Salmon River.	6	2
80,630	Vanity	do	11	Samuel F. Perry.....	Yarmouthj.....	6	2
85,533	Minnie C.....	do	12	Charles Cann & Co.	do	6	2
80,650	Happy Home	do	14	Luke LeBlanc <i>et al</i>	Salmon River.	7	2
85,550	Fair Play	do	11	John Sollows.....	Maitland	5	2
75,864	Roving Lizzie.....	Weymouth.....	11	Holmes Sanders....	Sandy Cove ...	3	2
77,953	Zulu.....	Annapolis	18	Theodore Raymond	do	7	3
51,981	Lillie Dale	Yarmouth	11	Wm. W. Hayden	Digby	4	2
75,716	Onward.....	do	11	S. L. Daken	Trout Cove....	3	2
83,427	Zoulou.....	Weymouth.....	12	Anatole Melancon.....	Clare	4	2
75,612	Alice	Yarmouth.....	17	Edmund Trask	Little River....	7	3

GUYSBOROUGH COUNTY.

36,273	Jenny Lind.....	Halifax.....	14	William O'Hara...	Salmon River.	4	2
80,985	Annie Roy	Guysboro'.....	90	George E. Jost	Guysboro'	14	16
80,984	Estella.....	do	75	do	do	14	15
38,391	Charlotte	Arichat.....	28	Joseph Luddington.	New Harbour .	6	5
80,981	Georgina.....	Guysboro'.....	95	John McE. Cunningham.....	Guysboro'.....	15	16
80,970	Orion	Halifax.....	21	Ed. B. Pelrine.....	Larry's River.	5	4
74,141	Belle.....	Guysboro'.....	31	Robert H. Morrison.	Torbay	10	6
69,132	Belle of the Bay ...	do	20	do	do	5	4
69,141	Mary Elizabeth	Halifax.....	16	W. G. Webber.....	do	5	3
61,627	Hope.....	Guysboro'.....	25	William G. Peart....	Guysboro'.....	5	5
59,470	Dart	do	44	Frederick Mahoney.	do	5	8
61,628	Sir John A.....	do	25	John Ehler, 3d	Orow Harbour	4	5
61,033	Ripple	Yarmouth.....	29	George A. Tanner..	do	8	5
37,616	Petipau	Guysboro'.....	22	Wm. & R. Whitman	Guysboro'	3	4
37,565	Defiance	Halifax.....	24	Seth McKenzie.....	do	4	4
41,922	Paragon	Liverpool	35	Simon McKenzie....	Canso.....	5	7
75,875	Leda and Lizzie	Pictou.....	56	Thomas C. Cook....	do	7	11
75,799	Alert	Sydney.....	36	do	do	3	7
77,781	Lina May	Guysboro'.....	82	A. N. Whitman.....	do	11	16
75,627	A. W. White	Shelburne	99	do	do	14	16
80,987	Geraldine.....	Guysboro'.....	139	do	do	18	16
72,604	Wm. R. Page.....	do	81	do	do	14	16
77,931	Sea Gull.....	Charlottetown					
		P. E. I.....	28	George Walsh.....	do	7	5
75,763	Ripple	Lunenburg.....	17	Robert Jamieson	do	3	3
41,771	Atalia	Guysboro'.....	34	Thomas H. Peeples.	Pirate Harbour	5	6
46,105	Jane Otis.....	Amherst.....	50	M. Keating	Port Mulgrave.	8	10
37,057	Union	Halifax.....	26	James Purcell & Co	do	9	7
54,137	John Williams	do	41	do	do	9	8
69,964	Lizzie A	Pt. Hawkesb'y	20	John F. Reeves <i>et al</i>	do	3	4
74,355	La Mode	Pictou	25	John Forrestal	Auld's Cove....	5	5
35,632	Ghde.....	Halifax.....	30	George McKinlay...	Liscomb.....	6	6
74,117	Lizzie M.....	do	37	John H. Myers.....	do	8	7
83,400	Hope.....	do	13	George Cook	Co. Harbour..	4	2
64,912	William Boak.....	do	62	Peter McConnell	do		
				<i>et al.</i>	Port Hillford..	5	12
55,540	Sea Flower.....	Pictou.....	113	James Purcell & Co	Port Mulgrave	12	16

TAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*

HALIFAX COUNTY.

	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
2	Western Belle.....	Shelburne.....	23	James P. Coolen, sr	St. Margaret's Bay.....	8	46 00
8	Zephyr.....	Halifax.....	14	Lorenzo and James O'Brien.....	Prospect.....	4	28 00
9	Royal.....	do.....	12	James and Tobias Scott.....	East Dover....	4	24 00
8	May Alice.....	do.....	21	James Scott <i>et al.</i> ..	do.....	6	42 00
8	Lilian.....	do.....	15	Michael Chancey <i>et al.</i>	Prospect.....	5	30 00
5	Brill.....	do.....	28	John Fegan.....	Ketch Harbour	6	56 00
0	Nimble.....	do.....	59	John Stone.....	Halifax.....	11	118 00
8	Zelu.....	Port Medway..	21	Richard Boutilier..	Boutilier Cove	5	41 00
5	Four Brothers.....	Halifax.....	26	Daniel Bonin.....	West Chezzet-cook.....	6	52 00
3	Drucilla May.....	do.....	19	William Baker.....	West Dover....	5	38 00
3	City Belle.....	do.....	21	Nosh Fader <i>et al.</i> ...	Shad Bay.....	5	42 00
3	Nettie B. H.....	do.....	23	Wm and John Hearn	U. Prospect...	6	46 00
6	T. W. Smith.....	do.....	35	Edward Walsh, sen.	do.....	10	70 00
5	Lady of the Lake..	do.....	13	Edward Walsh, sen., <i>et al.</i>	do.....	5	26 00
0	Susan C.....	do.....	21	Daniel Croucher....	St. Margaret's Bay.....	6	42 00
5	Peep-O'-Day.....	do.....	12	Abraham Publi-cover <i>et al.</i>	West Dover....	2	24 00
8	Ocean Child.....	do.....	20	Robert Wolf.....	West Chezzet-cook.....	4	40 00
9	Nellie D.....	do.....	12	Daniel Smith, jun..	Sambro.....	3	24 00
35	Minnie B.....	do.....	18	James Cornelius, jun	.....	5	36 00
23	River Belle.....	do.....	11	Richard Christian..	U. Prospect...	5	22 00
35	Squirrel.....	do.....	15	George J. Longard <i>et al.</i>	St. Margaret's Bay.....	5	30 00
13	H. H. Bella.....	do.....	13	John Longard <i>et al.</i>	do.....	4	26 00
40	Ocean Ranger.....	Lunenburg....	13	Edward Corney....	Dover.....	5	26 00
19	Annie.....	Halifax.....	14	George H. Graham	Three Fathom Harbour.....	4	28 00
79	Helena.....	do.....	17	Dennis Ryan.....	Prospect.....	5	34 00
35	Minnie M.....	Halifax.....	26	Isaac Lapierre.....	Chezzetcook...	5	52 00
32	G. H. Marryatt....	do.....	24	G. H. Marryatt.....	Pennant.....	5	48 00
93	Warrior.....	do.....	102	Geoff. Morrow <i>et al.</i>	Halifax.....	16	160 00
96	Silver Stream.....	do.....	35	George W. Smith....	Indian Harb'r.	9	70 00
59	Richmond Queen..	do.....	36	George R. Hart.....	Halifax.....	8	72 00
01	Welcome.....	do.....	32	Peter Dauphiney...	.....	6	64 00
35	Alpha.....	do.....	18	G. P. Boutilier <i>et al.</i>	French Vil'ge.	7	36 00
14	Sailors' Fancy.....	do.....	16	J. A. Wambolt <i>et al.</i>	.....	6	32 00
75	Rising Dawn.....	Lunenburg....	18	Lean. Wambolt <i>et al.</i>	.....	5	36 00
79	Cetewayo.....	Pictou.....	20	D. H. Pitts.....	Halifax.....	4	40 00
82	Hester A. R. Vogler	Halifax.....	71	George A. Pyke.....	do.....	14	143 00
72	Hope.....	Lunenburg....	31	J. McGrath, sr., <i>et al.</i>	.....	8	62 00
60	Guardian Angel....	Halifax.....	36	John Reyno, sen....	Herring Cove..	5	72 00
65	Ellen.....	do.....	32	do.....	do.....	7	64 00
32	Ella May.....	Lunenburg....	16	George Adams.....	.....	5	32 00
99	Leading Breeze.....	Halifax.....	15	David F. Covey.....	Hagget's Cove	5	30 00
55	Daisy.....	do.....	16	Cyrus Johnson <i>et al.</i>	St. Margaret's Bay.....	4	32 00
54	Annie F.....	do.....	20	Hy. Wambolt <i>et al.</i> ...	do.....	6	40 00
99	Fannie R. C.....	do.....	22	Wm J. Covey <i>et al.</i>	do.....	7	41 00
51	Elcy Elvy.....	do.....	18	Hy. Wambolt <i>et al.</i>	do.....	5	36 00
95	Elerie.....	do.....	29	Elijah J. Covey....	do.....	7	53 00
35	Trial.....	do.....	23	do.....	do.....	8	43 00
29	Telephone.....	Port Medway..	70	William McConnell	Hilford.....	4	140 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.

HALIFAX COUNTY—Continued.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount Paid.
74,114	Whisper	Halifax	13	J. G. Slaunenwhite.	Terrence Bay.	4	
83,134	Infant	do	14	G. Slaunenwhite, sr.	do	4	
37,488	Gipsy Lass	do	26	J. P. Slaunenwhite ..	do	8	
85,380	Nimble	do	14	J. F. Slaugenwhite.	do	4	
57,674	Dreadnought	do	17	do	do	5	
80,821	W. A. Smith	Lunenburg	32	J. W. Slaunenwhite..	do	6	
85,381	Champion	Halifax	17	Danl. Slaunenwhite.	do	5	
85,669	Kitty Clyde	do	13	Jno. F. Slaunenwhite	do	5	
83,222	Wave	do	15	Arch. Jollimore	do	4	
61,629	Carrie R	do	17	Peter Jollimore	do	5	
61,903	Flying Cloud	Liverpool	20	Moses Brooks	Ketch Harbour	5	
61,939	Margaret	Halifax	22	Francis Hanrahan.	Ferguso's O've	6	
61,947	Widgeon	do	22	Fred'k. Harrigan ..	Herring Cove.	5	
54,133	John Franklin	do	18	James Dempsey	do	6	
57,727	Agnes	do	21	John Hayes	do	6	
64,669	Sarah L. Oxner	do	33	William Hayes	do	6	
59,462	Rival	do	19	William Fleming	Ketch Harbour	5	
57,681	Quickstep	do	22	Edw. Gallagher	do	4	
57,693	Village Bride	do	24	Emmanuel Fagan	do	5	
74,020	Addie	do	17	Dennis Fagan	do	5	
42,291	Volunteer	do	16	Emmanuel McKay ..	do	*1	
57,612	Daisy	do	35	George Smith	Ferguso's O've	7	
36,153	Sarah Ann	do	20	Archibald Darah	Herring Cove.	6	
83,135	I. B. M.	do	20	John Brown	do	6	
53,551	Roving Bird	do	24	do	do	6	
61,972	Fanny	do	18	Edward Gorman	do	6	
59,495	Three Brothers	do	23	Andrew Sullivan	do	6	
66,727	Willow	Lunenburg	18	Jeffrey O'Gorman	do	3	
57,715	John Lawrence	Halifax	23	William Higgins	Ketch Harbour	5	
53,600	Star Light	do	29	Mark Power	Herring Cove.	6	
83,108	Maud	do	15	Joseph Reyno, jun.	do	4	
85,664	Mary E	do	14	John J. Gray	Sambro	2	
88,220	Grandee	do	14	William Hart	do	4	
69,162	Norns	do	22	George Schnare	Pennant	5	
35,678	Hariza	do	52	James Stoddard	do	10	
80,841	Nina	do	13	W. E. Murphy	Owl's Head	4	
83,408	M. A. Franklin	do	22	Alfred Russell	Clam Harbour	5	
74,105	Jessie	do	22	Peter Mitchell	Ship Harbour.	6	
36,050	Victoria	do	34	George Hawes	Spry Harbour..	4	
41,787	Silver Dart	Halifax	30	John Hutt	Tangier	6	
37,619	British Queen	do	20	Wm. Houbly	Spry Bay	3	
64,881	Eliza A	do	40	Edward Leslie	do	5	
83,403	Walter Alton	do	59	W. Chas. Henley	do	9	
55,836	Frank Newton	Sydney	39	Thomas Conrod	Shoal Bay	7	
73,116	Hattie Lewis	Halifax	53	J. E. Conrod	Spry Harbour..	8	
74,100	Candid	do	23	Daniel Lapierre	W. Chezzetc'k	7	
84,872	Catherine	do	20	do	do	4	
85,660	Agness	do	11	Aimé Lapierre	do	3	
83,107	North Star	do	26	Simon Lapierre	do	7	
83,106	Annie Isabel	do	24	Martin Julien	do	7	
74,071	Condor	do	16	John Julien	do	3	
85,652	Our Hope	do	36	Charles Wolf	do	9	
88,215	Sir Rupert	do	20	Hy. Falkner <i>et al.</i> ..	Jeddore	4	
75,833	Twilight	do	14	Eli Baker	East Jeddore..	6	
69,097	Highland Jane	do	32	Geo. Hartling, sen.	Jeddore	10	
74,087	Sea Gem	do	30	Wm. Gennix	do	7	
37,519	Safe Guide	Shelburne	28	W. O. Henley	Spry Bay	4	
66,749	Flash	Halifax	24	David Coolin <i>et al.</i> ..	Hub'd's Cove	7	
59,455	Willie McLaughlan	Lunenburg	12	J. W. Morash	N.-W. Cove...	3	

* Remainder of crew did not fish 3 months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*HALIFAX COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
5,815	Herbert	Halifax	30	C. and H. Hubley...	St. Margaret's Bay	10	60 00
3,966	Zephyr.....	do	27	David Dauphiney...	Hub'd's Cove	9	54 00
1,517	Bessie.....	do	33	Hy. A. Shatford...	do	8	66 00
3,969	Bertha E.....	do	21	do	do	7	42 00
4,018	Ocean Bride	do	23	Jas. McLean & Son.	do	7	46 00
3,402	Louisa Maud	do	21	Fred. Boutilier <i>et al.</i>	do	7	42 00
3,964	Aubrey S.....	do	21	Jeffrey Gilbert	Petpiswick H'r	6	42 00
3,224	Tormentor	do	15	Michael Rice <i>et al.</i>	Low'r Pr'spect	5	30 00
4,093	Rival	do	30	Henry Lapierre.....	W. Chezzet'k	8	60 00
5,387	Topaz	do	104	Chebuco Fish'g Co	Halifax	18	160 00
1,986	Diamond.....	do	101	do	do	16	160 00
5,511	P. Martin.....	do	36	Richard Hawes	Spry Harbour.. ..	6	72 00
1,904	Water Lily.....	do	14	Simon Scott <i>et al.</i> ..	West Dover.....	3	28 00

INVERNESS COUNTY.

4,715	Helen	Pt. Ha'kesbury	19	P. Robin & Co .....	.....	7	38 00
3,603	Sea Flower.....	do	25	do .....	.....	6	50 00
3,417	Messenger.....	Arichat	30	do .....	.....	7	60 00
3,457	Highland Lass.....	Lunenburg	15	P. LeBlanc <i>et al.</i> ..	Cheticamp.....	5	30 00
3,125	May Flower	Halifax	11	Poly. Cormier <i>et al.</i>	do	4	22 00
3,969	Morning Light	Pt. Ha'kesbury	39	David Walker.....	R. Inhabitants ..	3	78 00
3,909	Opal	do	49	Joseph Steele	do	3	98 00
3,468	Hector	Arichat	35	W. H. & F. L. Paint	Pt. Ha'kesbury ..	9	70 00
3,089	St. Peter.....	Pt. Ha'kesbury	15	Ths. and R. White.	Mahone Harb. ..	5	30 00
3,091	Jeunie.....	do	11	John Jamieson	Steep Creek ...	2	22 00
7,056	Victory	do	37	John Galford.....	Pt. Richmond.	6	74 00

KINGS COUNTY.

2,086	Mary Ann.....	Digby.....	46	Hy. E. Ogilvie	Harbourville..	4	92 00
2,380	Enterprise.....	Parrsboro'.....	15	Caleb Ogilvie	do ..	2	30 00
3,989	Petrel.....	Windsor.....	12	Elias Parker	Hall's Harbour	3	24 00

LUNENBURG COUNTY.

3,163	Victor	Lunenburg	76	L. Anderson & Co.	Lunenburg ...	12	152 00
4,018	Sunbeam.....	do	67	do	do	12	134 00
5,647	Pembina	do	93	do	do	15	160 00
5,722	Ottawa	do	115	do	do	16	160 00
5,345	Hope	do	106	do	do	14	160 00
5,348	Hiram	do	67	Henry Adams	do	12	134 00
4,012	Mystic	do ..	79	do	do	15	158 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—Co

LUNENBURG COUNTY—Continued.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounties Paid.
83,177	Maggie Belle	Lunenburg	72	Benjamin Berringer	Lunenburg	13	\$ 144
77,615	Candor	do	71	do	do	12	142
80,822	Leone	do	79	do	do	14	158
85,640	Virgin Belle	do	57	Francis Conrad	do	12	114
85,641	Pleroma	do	103	James Eisenhauer	do	14	160
85,645	Sissie Belle	do	40	Josiah Gerhardt	Middle South	9	80
69,200	Lorraine	do	69	James Geldert	Lunenburg	15	138
74,147	Welcome	do	44	Benj. Himmelman	do	10	88
57,270	Stella	do	50	Alfred Heisler	do	10	160
36,495	Lady Speedwell	do	56	Adam Knickle	do	10	112
83,176	Amazone	do	73	James Kinley	do	13	146
85,334	Valorous	do	57	Benjamin Lohnes	do	9	114
69,183	Mary Ann	do	47	James Moser	do	11	94
85,350	Saxon	do	79	George Myra	do	15	158
85,331	Parisian	do	107	A. R. Morash	do	14	160
80,336	Dictator	do	79	S. Watson Oxner	do	13	158
80,324	Elsie	do	56	do	do	10	112
77,614	Senator	do	75	do	do	13	150
83,337	Parthenia	do	110	do	do	15	160
85,343	Narcissus	do	127	do	do	14	160
80,827	Ocean Gem	do	78	John H. Ritcey <i>et al</i>	Ritcey's Cove	13	156
46,498	Mariner	do	56	Saml. Risser <i>et al</i>	do	8	112
85,338	Viola	do	109	Wm. L. Romkey	Lunenburg	14	160
85,349	Rise Over	do	81	William Smeltzer	do	15	160
80,828	Larkspur	do	44	J. D. Sperry	Petite Rivière	8	88
77,621	Gazelle	do	46	do <i>et al</i>	do	8	92
75,566	Julia A.	do	14	Martin J. Sperry	West Dublin	4	28
77,763	Fanny Young	do	85	William C. Smith	Lunenburg	15	160
75,562	Acine	do	75	C. L. Silver	do	13	150
80,837	Pet	do	69	Leander Schwartz	do	13	138
85,346	Verberna	do	78	Henry Wilson	do	14	156
83,174	W. E. Young	do	92	do	do	15	160
69,173	Ellen May	do	61	David Westhaver	Mahone Bay	12	124
83,175	A. K. Walter	do	82	Elias Walter	Lunenburg	15	160
74,144	Lily A. W.	do	52	Martin Westhaver	do	10	104
83,485	John M. Ingles	Liverpool	79	J. D. Sperry <i>et al</i>	Petite Rivière	8	158
85,347	Brilliant	Lunenburg	85	John B. Young <i>et al</i>	Lunenburg	14	160
80,839	Magnific	do	69	do	do	13	138
74,013	Sybil	do	77	Zwicker & Co	do	13	154
46,476	Amiel Corkum	do	53	W. A. Zwicker <i>et al</i>	do	9	106
85,345	Beatrice	do	79	do	do	15	158
85,648	Druid	do	95	Arthur H. Zwicker	do	14	160
75,908	Pathfinder	Halifax	68	William Falt	Petite Rivière	12	132
69,218	Standard	Lunenburg	77	John Anderson	Lunenburg	15	154
69,202	Treasure	do	76	Benjamin Anderson	do	16	152
74,132	Springfield	do	44	James Conrad <i>et al</i>	Rose Bay	10	88
75,567	Rosedale	do	56	Thomas Cook <i>et al</i>	Ritcey's Cove	10	112
77,601	Atlas	do	52	William Silver <i>et al</i>	do	14	104
74,139	Sadie	do	43	Thos. Greaser <i>et al</i>	La Have	8	86
83,140	Araunah	do	71	Jas. E. Hunt & Co.	Lunenburg	12	142
69,201	W. Roger	do	84	Charles Hewitt	do	14	160
69,175	Dial	do	44	W. & G. Himmelman	South	8	88
46,485	Quick Step	do	40	Thos. Heckman <i>et al</i>	do	10	80
85,332	Carrie McKay	do	56	Isaac Heckman, sr., <i>et al</i>	Rose Bay	10	112
77,622	Pleasantville	do	103	Albert McKean <i>et al</i>	do	17	160
85,723	Jesse A. Loye	do	99	Leonard Young <i>et al</i>	Lunenburg	16	160
59,489	Sea Lily	do	38	Geo. Gerhart <i>et al</i>	do	8	76
59,493	Escort	do	59	Thos. Greaser <i>et al</i>	Lower La Have	10	118
75,563	Petrel	do	77	George Nass	Lunenburg	14	154

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*
LUNENBURG COUNTY—*Continued.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
635	Vanilla	Lunenburg.....	102	John Ritcey <i>et al.</i> ...	Ritcey's Cove.	14	160 00
133	Regina B.....	do	83	Jacob Ritcey <i>et al.</i> ...	do	14	160 00
167	Cordelia Vogler...	Port Medway..	65	Samuel Ritcey <i>et al.</i>	La Have.....	13	130 00
015	Kohinoor.....	Lunenburg	77	Joseph Rudolph, jr.	Lunenburg....	15	154 00
636	Prize.....	do	91	Abraham Smith ...	Lunenburg....	15	160 00
965	Etta	do	28	Rupert Shoop.....	do	7	56 00
203	R. W. Smith.....	do	73	Charles Smith <i>et al.</i>	do	13	146 00
184	Laura May	do	45	Philip Shenkel.....	LaHave.....	9	90 00
011	Lavinia.....	do	71	Albert Young.....	Lunenburg....	14	142 00
633	Dido	do	120	William Young <i>et al.</i>	do	14	160 00
488	Mary Young.....	do	77	do	do	13	154 00
019	Jewel.....	do	52	Leonard Young	do	11	104 00
631	Forest Belie.....	do	83	do <i>et al.</i>	do	14	160 00
171	Henrietta.....	do	115	do <i>et al.</i>	do	18	160 00
632	Ocean Belle	do	83	do <i>et al.</i>	do	14	160 00
721	Notice.....	do	47	James Bell <i>et al.</i>	do	8	94 00
118	True Love.....	Halifax.....	30	John Bell.....	LaHave.....	8	60 00
143	Ariquippa.....	do	36	James S. Bell <i>et al.</i> ...	do	8	72 00
840	Lettia May	Lunenburg.....	41	Wm. Cleversey <i>et al.</i>	do	8	82 00
170	Arthur.....	do	122	Saml. Corkum <i>et al.</i> ...	do	16	160 00
138	May	do	15	James Collie.....	do	2	30 00
140	J. Croft.....	Halifax.....	44	Jacob Croft	West Dublin...	8	88 00
571	Fanny.....	Lunenburg	16	James Covey, sen....	do	4	32 00
213	May Fly.....	do	12	John Fralick.....	LaHave	3	24 00
727	Jessie	do	40	James E. Hunt <i>et al.</i>	do	9	80 00
128	Happy-go-Lucky...	Port Medway..	35	Hiram Hayward.....	West Dublin...	8	70 00
477	Jeanet	Lunenburg	41	E. Hartlen <i>et al.</i>	LaHave	10	82 00
014	Corsica	do	79	T. Kreser <i>et al.</i>	do	14	158 00
565	Ralph.....	do	56	Henry Kreser <i>et al.</i> ...	do	10	112 00
576	Minnie A.....	do	41	George Kreser <i>et al.</i>	Ritcey Cove...	9	82 00
164	Valiant.....	do	88	Eph. Lohnes <i>et al.</i> ...	do	14	160 00
257	W. L. Lohnes	do	38	William Lohnes.....	LaHave	8	76 00
136	Eva Stewart.....	do	103	R. Mossman <i>et al.</i> ...	Kingsburg.....	14	160 00
786	Hesperus.....	Port Medway..	16	Lenoir Oxner <i>et al.</i> ...	LaHave.....	7	32 00
194	River Queen.....	Lunenburg	51	Nicholas Oxner <i>et al.</i>	do	12	102 00
569	Empress	do	47	Simon Pentz <i>et al.</i> ...	do	8	94 00
607	Dianthus.....	do	45	J. Parks, sen., <i>et al.</i>	do	8	90 00
637	Energetic	do	52	W.N.Reinhardt <i>et al.</i>	do	11	105 00
829	Florence B.....	do	32	Elias Richard.....	do	9	64 00
603	Traveller.....	do	55	William Romkey.....	New Dublin...	10	110 00
624	Mary E.....	do	69	Geo. Romkey <i>et al.</i> ...	do	13	138 00
132	Restless.....	do	25	W.N.Reinhardt <i>et al.</i>	do	7	80 00
200	Vesta.....	do	64	Jas. Publicover <i>et al.</i>	do	12	125 00
173	Maggie Smith	do	82	Thos. Smith <i>et al.</i> ...	La Have.....	15	160 00
142	Mary A.....	do	45	Albert Smith <i>et al.</i> ...	do	8	90 00
212	Dahlia	do	94	John Shankle <i>et al.</i> ...	do	15	160 00
831	Glide.....	do	16	J. W. Sperry <i>et al.</i> ...	do	5	32 00
131	City Queen.....	do	53	John Broom <i>et al.</i> ...	Mahone Bay...	10	106 00
642	Charlotte E. E.....	do	79	W. A. Colp <i>et al.</i> ...	do	16	158 00
644	Flora.....	do	41	A. Chisholm <i>et al.</i> ...	do	8	82 00
634	New England	do	58	Nathan Hiltz <i>et al.</i> ...	do	10	116 00
180	Friend.....	do	17	George A. Hubley...	do	4	34 00
333	Josephine W.....	do	59	Timothy Hebb <i>et al.</i>	Mahone Bay...	9	118 00
661	Boreas.....	do	41	E. & J. Hiltz	Indian Point..	9	82 00
475	Jessen.....	do	69	Aaron Hyson.....	Mahone Bay...	12	138 00
756	Hiawatha	Shelburne	66	Cornelius Hardy....	do	14	132 00
619	Milford Grey	Lunenburg.....	60	Henry Mader <i>et al.</i> ...	do	12	120 00
748	British Eagle.....	Halifax.....	44	Benj. Mason <i>et al.</i> ...	do	10	88 00
174	Ida May.....	Lunenburg	46	J. Smeltzer <i>et al.</i> ...	Mahone Bay...	10	92 00
650	Golden Arrow.....	do	27	Wil. A. Pickles.....	do	6	54 00
289	Debel.....	do	51	J. Smeltzer <i>et al.</i> ...	do	10	102 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—
LUNENBURG COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounties Paid.
							\$
57,688	River Dale	Lunenburg....	48	Nat. Strum <i>et al.</i> ...	Mahone Bay...	8	96
85,333	Emperor	do	51	Reub. Venaud <i>et al.</i>	do	10	102
77,617	J. W. Russell.....	do	53	Benj. Westhaver....	do	10	106
83,139	Ocean Friend.....	do	78	Thos. Langille <i>et al.</i>	do	12	156
75,570	Olive Branch.....	do	14	John Church <i>et al.</i> ...	do	4	28
69,191	Quick Step.....	Halifax.....	25	Wm. C. Chandler....	do	5	50
69,187	Queen of the Fleet.	Lunenburg....	46	N. W. Keddy <i>et al.</i> ...	Chester Basin..	10	92
74,080	J. A. Kirk.....	Halifax.....	16	Henry Hutt <i>et al.</i> ...	Tancook	3	32
77,609	Emma May	Lunenburg....	20	Charles E. Nass.....	Chester	7	40
57,269	J. H. Hiltz	do	56	Levi Oxner	do	10	112
74,150	J. P. Corkum.....	do	16	Ed. Slauenwhite....	do	5	32
80,853	Fearnot	do	91	James Conrad	Park's Creek..	15	160
85,649	Cyrene.....	do	107	Isaac Corkum	La Have.....	15	160
75,779	John Millard.....	do	68	Amiel Corkum	do	12	136
69,179	Snow Queen	Halifax.....	55	Eleazear Corkum....	do	10	110
85,336	Alice	Lunenburg....	116	James Ross	Bridgewater...	15	160
57,248	Adonis	do	48	Daniel Schrader....	La Have.....	12	96
80,825	Bridgewater	do	69	William Sarty.....	Pleasantville..	10	120
83,178	Volant	do	41	Edward Weagle.....	Summerside ...	8	82
37,614	Armada	do	45	John Wentzel	Pleasantville..	8	90
54,156	British Lady	Halifax.....	18	William Baker	Tancook Isl'nd	3	36
85,738	Emmot.....	Lunenburg....	13	James F. Boutilier..	Bayswater.....	3	26
85,646	Maude	do	15	Amos Fleet <i>et al.</i> ...	Blandford	5	30
75,578	Wiley	do	13	James E. Morash....	West Dover....	5	26
37,632	Emerald	do	27	John D. Publicover..	Blandford	8	54
80,826	Rosemay.....	do	74	Jacob B. Sarty <i>et al.</i>	La Have.....	12	148
75,580	Violet.....	do	59	David Smith <i>et al.</i> ...	Lunenburg. ...	13	118

PICTOU COUNTY.

75,888	Annie.....	Pictou.....	22	C. Dwyer	Pictou	3	44
38,510	Lily	do	18	Thomas Tanner.....	do	3	36
75,108	May Queen.....	Halifax.....	46	Duncan Fraser	Cariboo	4	92
75,882	Lord McDonald....	Pictou.....	15	Donald McDonald..	Pictou	3	36

QUEEN'S COUNTY.

61,838	Amazon	Port Medway..	41	John Hutt	Port Medway..	13	81
54,227	Alberton	Halifax.....	29	do	do	10	58
75,782	Hattie, E.....	Port Medway..	35	Henry Selig	Vogler's Cove ..	11	70
85,344	Donzella	Lunenburg....	118	Adam Selig	do	20	160
83,383	James Ryan.....	Port Medway..	43	Simeon Cohoon <i>et al.</i>	E. P't Medway..	10	90
77,790	Percy Roy	do	48	Cohoon, Saker & Co	do	13	90
75,785	Village Belle.....	do	55	Samuel E. Teel.....	Vogler's Cove ..	15	110
80,838	Ocean Bride.....	Lunenburg....	19	S. & E. Clatinburg.	do	6	30
77,787	Rescue	Port Medway..	20	James Mann	do	7	42
83,306	I. O. N. A.....	do	26	William Vogler ..	do	10	50
75,762	May Queen.....	Liverpool.....	17	E. E. Letson	Port Medway..	5	30
61,544	Emma Jane.....	Shelburne....	15	John H. Smith <i>et al.</i>	Port Mouton...	3	30
66,722	C. Averett	Liverpool.....	19	Jas. H. Smith <i>et al.</i>	Brooklyn.....	8	32
75,778	Coronila	do	64	do	do	9	120
73,962	Willie B.	do	39	James Buchanan ...	do	8	70
82,492	Dessie.....	do	11	Colin McLeod.....	do	3	20

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*QUEEN'S COUNTY—*Concluded.*

	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew	Amount of Bounty Paid.
89	J. W. Mullock.....	Lunenburg	43	Enos McLeod <i>et al.</i> ..	Brooklyn	9	86 00
84	Kestrel	Liverpool	70	do do	do	14	140 00
87	J. C. Dakin	do	30	Anderson & Bill	Liverpool	7	60 09
87	Avance	do	64	R. H. Gardner <i>et al.</i>	Brooklyn	15	128 00
17	Magenta	do	20	Samuel Dexter <i>et al.</i>	do	7	40 00
31	Eva L.	Lunenburg	55	Jeffry Publicover....	La Have.....	7	110 00
08	Ella.....	Port Medway....	10	Sylvanus Morton....	Liverpool.....	3	20 00
77	Zaide ^c	Liverpool	55	Jas. C. Inness <i>et al.</i>	do	11	110 00

RICHMOND COUNTY.

50	Adele.....	Sydney.....	18	Albert Poste	Jersey Island..	4	36 00
14	Alpha.....	Arichat	42	William Levisconte ..	D'Escouse....	9	84 00
64	Fama	Halifax.....	44	do do	do	8	88 00
98	Appoline.....	Arichat	40	do do	do	8	80 00
21	Shooting Star.....	Arichat	32	Wm. Levisconte.....	D'Escouse.....	9	64 00
12	Sea Slipper.....	Lunenburg....	41	Patient Poirier.....	do	10	82 00
35	Mary Stephens.....	Arichat	31	do	do	9	62 00
11	Renfrew.....	Halifax.....	41	Simon Poirier, <i>et al.</i>	do	9	82 00
59	Mary Ann.....	Arichat	29	Desiré Poirier	L'r D'Escouse..	8	58 00
02	Morning Star.....	Halifax.....	35	John Mauger	do	9	70 00
68	Daisy	Arichat	34	Simon P. Richard....	Arichat.....	4	68 00
05	Ajax.....	do	40	John Boudrot	D'Escouse.....	10	80 00
40	Mary.....	do	24	Henry Boudrot, sen	Poulamond....	9	48 00
04	Janette	Halifax.....	30	D. Gruchy & Son....	D'Escouse.....	8	60 00
02	Mary.....	Hawkesbury...	43	do do	do	11	86 00
06	Blue Bell.....	Arichat	25	do do	do	9	50 00
00	Lennox.....	do	46	do do	do	11	92 00
08	Nimble.....	Halifax.....	45	do do	do	9	90 00
06	Eliza Jane.....	Shelburne....	22	Alex. Vigneau	Arichat	3	44 00
04	Morning Star.....	Halifax.....	21	John Landry	Petit de Grat..	3	42 00
09	Chatham Head.....	Chatham, N.B.	24	O. Fougère, sen....	Poulamond....	9	48 00
03	Amelia M.....	Hawkesbury...	13	David Lavache.....	Arichat	3	26 00
05	Peggy	Arichat	15	Martin Sampson	L'r. D'Escouse..	4	30 00
02	The Partners.....	do	26	Thos. & A. Sampson	Riv. Bourgeois	7	52 00
09	Marcella Butler.....	Halifax.....	38	Fabien Fougère.....	do	8	76 00
04	Philomel.....	Arichat	26	M. Dugas, <i>et al.</i>	do	8	52 00
06	Julia	do	20	Louis Bourke, <i>et al.</i>	do	6	40 00
03	Morning Star.....	do	25	Amiable Potty.....	do	8	50 00
02	John Vincin.....	Sydney.....	17	David Sampson.....	do	6	34 00
01	Lumen Diei.....	Arichat	17	Urbain Sampson.....	do	6	34 00
00	Two Brothers	do	32	Simon Landry.....	do	8	64 00
07	Philomen D.....	do	22	Desiré Dugas, <i>et al.</i>	do	8	44 00
03	Elizabeth.....	Halifax.....	30	Charles P. Martel....	do	7	60 00
05	Kate B.....	Arichat	35	Wm. Urquhart	do	9	70 00
03	Harvest Home.....	do	29	do do	do	8	58 00
01	G. H. B.....	do	36	Fred. W. Bissett....	Arichat	8	72 00
05	Elizabeth.....	do	17	D. Boucher, <i>et al.</i> ...	do	6	34 00
00	Hortense.....	Sydney.....	12	C. Monberquette....	L'Ardoise	3	24 00
03	Victoria.....	Arichat	24	Peter Burke.....	French Cove...	6	48 00
01	Annie Laurie.....	do	44	J. Morrison, W.W....	do	9	88 00
04	Commodore	Halifax.....	41	W. E. Morrison.....	do	8	82 00
06	Mary L.....	Arichat	18	Peter Landry, sen.	French Cove...	6	36 00
04	Good Templar.....	Halifax.....	22	Henry Cook.....	L'Ardoise	7	44 00
01	E. M. McDonald....	do	14	M. A. McDonald....	Framboise.....	4	28 00
05	Euxine.....	Arichat	38	D. N. Shaw.....	L'Ardoise	8	76 00
00	Emma	do	46	Joseph Matheson....	do	10	92 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con*
 RICHMOND COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounties Paid.
							\$
83,088	Sisters	Chatham, N.B.	13	John Walker.....	R. Inhabitants	3	26
83,090	Good Intent.....	Pt. Hawkesb'y	22	George W. Walker.	do ...	3	44
61,630	Susan	do ...	15	Murdoch Hureau....	do ...	2	30
36,340	Olive J.....	Halifax.....	57	Peter Malcolm.....	Cariboo Cove.	13	114
38,477	Lord Lyons.....	do	51	Robert Proctor	R. Inhabitants	6	102
38,522	Elizabeth	Arichat	18	John Burke, <i>et al.</i> ...	Riv. Bourgeois	7	36
38,501	Mary.....	do	23	Isiah Boudrot, <i>et al.</i>	do ...	8	46
54,139	B. Wier & Co.....	do	19	Abram Fougère.....	do ...	7	38
38,439	Ocean Belle.....	Halifax.....	20	Michael Boudrot....	do ...	7	40
61,990	Catherine.....	Arichat	20	Désiré Bourque, <i>et al.</i>	do ...	7	40
72,061	Union	Halifax.....	20	Felix Burke	do ...	7	44
72,048	G. P. M.	Arichat	22	Désire Burke	do ...	7	44
72,047	Neptune	do	26	Charles Boudrot....	do ...	7	52
38,516	Mary Moulton....	do	26	A. Fougère, <i>et al.</i> ...	do ...	8	52
72,072	Lady of the Lake	do	11	C. Dugas, <i>et al.</i>	do ...	7	52
38,326	Lady Fougère.....	do	26	Docite Fougère.....	do ...	4	22
	Harriet.....	do	26	Charles Boudrot....	Arichat West.	3	52

SHELBURNE COUNTY.

83,043	Ella A. Downie....	Shelburne	73	Johnson & Churchill	Lockeport.....	14	146
75,623	Grace Greenwood..	do	88	do	do	12	160
74,368	Maggie Roach.....	do	44	do	do	10	88
61,589	Creolian	do	94	do	do	16	160
77,761	Knight Templar....	do	90	do	do	17	160
74,366	Bel Brandon	do	99	do	do	14	160
75,615	Lydia Robertson..	do	53	do	do	13	106
85,479	Alina	do	91	Churchill & Locke.	do	18	160
77,749	Orange Grove	do	82	do	do	18	160
77,751	Flora Dell	do	62	do	do	15	124
75,628	Rover	do	101	Jon. & Enos Locke.	do	19	160
61,581	Augusta Smith ..	do	84	do	do	15	160
83,054	Ardella	do	93	do	do	17	160
83,046	Millie B.	do	88	C. Locke & Co.....	do	16	160
85,483	Sarah H. Seeton....	do	95	do	do	15	160
61,592	J. C. Williams.....	do	29	Sam. Locke & Sons	do	9	58
77,748	Win fred.....	do	84	do	do	15	160
75,624	Divina	do	53	Austin Locke.....	do	12	104
77,759	Thomas Robertson.	do	66	do	do	16	132
83,047	Festina Lente ..	do	80	do	do	15	164
61,594	Keewatin.....	do	96	do	do	16	164
75,617	Albert	do	46	do	do	13	91
61,586	Cepola	do	100	do	do	16	164
83,060	Nellie Morrow....	do	88	Jacob Locke.....	do	16	160
83,052	Nautilus	do	11	do	do	6	21
75,620	Cordelia	do	14	do	do	7	21
74,337	May	do	27	Fredk. D. Locke....	do	8	51
85,478	Glenora.....	do	75	Samuel Locke <i>et al.</i>	do	13	154
54,114	Lone Star.....	Halifax.....	29	Jas. Hardy & Bros	do	9	51
83,045	Willie Freeman....	Shelburne	104	S. Freeman & Co...	Jordan River .	22	164
85,482	Angola	Liverpool	91	do	do	10	164
61,516	Dunkeith.....	Shelburne	59	Sutcliffe Decker...	Jordan Bay ...	13	114
61,916	Only Son.....	Liverpool	16	Stronach Decker <i>et al.</i>	Ragged Island	6	31
77,770	Gowan Gem.....	Shelburne	29	Daniel Swim	Little Harbor..	8	51
85,480	M. & A. Morrison..	do	88	Donald Morrison....	Jordan Bay....	18	164
85,481	Beulah	do	107	R. W. Freeman.....	do	16	164
73,967	Katie	Liverpool.....	14	Daniel Cronan.....	Lockeport	4	21

DETAILED STATEMENT of Fishing Bounties paid to Vessels, etc.—Nova Scotia—*Con.*
SHELBURNE COUNTY—*Continued.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of owner or Managing owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
744	Whip-poor-Will	Shelburne	15	Alfred Harding	Ragged Island	6	30 00
051	Keelsea	do	31	John B. Harding	do	7	62 00
365	Nova Stella	do	53	Wm. Lloyd, jun.	Lockeport	12	106 00
746	Magellan Cloud	do	89	John H. Thorburn	Jordan Bay	16	160 00
983	Anna Bella	Halifax	22	O. W. Hopkins <i>et al</i>	Barrington	6	44 00
603	Eldon C.	Barrington	26	John E. Hopkins	do	7	52 00
367	Stella	do	30	J. C. Crowell <i>et al</i>	do	7	60 00
905	Champion	Liverpool	14	Frank Hopkins <i>et al</i>	do	6	28 00
559	Surprise	Barrington	12	Nathan C. Hopkins	do	4	24 00
032	Arthur	Yarmouth	21	T. D. Crowell <i>et al</i>	Shag Harbor	11	42 00
831	Minnie Currie	Barrington	60	E. Crowell <i>et al</i>	Cape Sable I'd	15	120 00
550	Martine	do	11	Andrew Crowell	Wood's Harb'r	3	22 00
336	Lightfoot	do	16	Wm. Swaine	Bear Point	8	32 00
558	Emma B.	do	93	Peter C. Swim <i>et al</i>	do	20	160 00
051	Kate McKinnon	do	73	Randall McKinnon	Cape Sable I'd	18	146 00
033	Peerless	do	57	J. C. Cunningham	Barrington	13	114 00
263	J. Fraser	Lunenburg	39	do	do	11	78 00
438	Highlander	Shelburne	32	A. M. Wrayton	Emerald Isle.	5	64 00
167	Azoff	Yarmouth	37	Henry Atwood	Bear Point	11	74 00
133	Pioneer	do	92	Peter Kenny	Cape Isle	18	160 00
699	J. W. Kenney	do	52	Alf. Kenney <i>et al</i>	Barrington	15	104 00
830	Oregon	Shelburne	20	S. L. Banks	do	3	40 00
618	May Queen	Barrington	34	John N. Banks	do	4	68 00
552	Hannah Eldridge	do	57	Nehemiah McGray	do	14	114 00
561	Cape Sable	do	90	do	do	18	160 00
.....	Jackdaw .....	.....	15	John Lyons	do	3	30 00
543	God Seeker	Barrington	29	Nehm Banks <i>et al</i>	Barrington	8	58 00
572	John Halifax	Shelburne	63	Orlando Taylor	Port La Tour	13	126 00
333	Freddie M. Reynolds	Barrington	34	Cornelius Snow	do	10	58 00
806	Ann Hiltz	Liverpool	16	Har. D. Smith <i>et al</i>	Port La Tour	4	32 00
523	Snow Drop	do	29	James Snow	do	7	58 00
592	Mina Belle	Shelburne	42	do	do	10	84 00
528	Lilian	do	40	Edward Crowell	do	7	80 00
826	Lily of Clyde	do	61	Geo. T. Hagar <i>et al</i>	N. E. Harbor	12	122 00
339	Joe Howe	Barrington	12	Christian Nelson	Port Clyde	3	24 00
054	Laura E. Douglas	do	39	James D. Coffin	Clyde	8	78 00
562	Oresa	do	14	Edward E. McLean	Port Saxon	5	28 00
484	Melioree	Shelburne	100	Geo. J. Thorburne	Shelburne	12	160 00
645	Angus Grant	do	70	B. P. Thorburne	do	13	140 00
476	Fleetwing	do	11	L. T. Hammond <i>et al</i>	Jordan Bay	4	22 00
477	Myrtle	do	91	Joseph McGill <i>et al</i>	Shelburne	15	160 00
050	Belmont	do	53	do	do	9	106 00
762	Bridget Ann	do	52	John Purney	do	12	104 00
566	John Purney	do	66	do	do	15	132 00
626	Sylph	do	76	R. H. Bohnan	do	12	152 00
048	Clifford	do	88	J. A. McGowan, jun	do	18	160 00
758	Bride	do	78	do <i>et al</i>	do	13	156 00

VICTORIA COUNTY.

0,917	Mary Jane	Charlottetown	56	H. A. McLeod	New Haven	9	112 00
1,617	Eva May	P. E. I.	29	Norman McLeod	St. Peter's	5	58 00
3,976	Shaughran	Guysboro'	29	Abraham Harris	Ingonish	7	84 00
4,169	Flying Mist	Liverpool	42	H. F. Baker	do	4	36 00
7,844	May Flower	Digby	18	William Carey	New Campbellton	5	30 00
4,052	Lightfoot	Halifax	15	William Hawley	Ingonish	7	112 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—*Con*
VICTORIA COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
36,264	Express.....	Halifax.....	16	Richard Palmer....	Tête du Hibon	4	\$ 32 00
77,858	Sambo.....	Sydney.....	14	John G. Morrison...	.....	3	28 00
61,840	Pigeon.....	Yarmouth.....	33	Hatfield, Kinney & C	Yarmouth.....	12	66 00
51,999	Azora.....	do.....	54	do.....	do.....	18	108 00
61,847	Lucretia Jane.....	do.....	88	do.....	do.....	13	160 00
80,629	Winnie L.....	do.....	100	do.....	do.....	15	160 00
71,010	Mariner's Guide.....	do.....	35	do.....	do.....	13	70 00
74,334	J. M. Manning.....	do.....	56	do.....	do.....	16	112 00
61,788	Lynx.....	do.....	59	do.....	do.....	18	118 00
80,782	Titania.....	do.....	52	do.....	do.....	19	104 00
74,335	Safe.....	do.....	35	do.....	do.....	13	70 00
50,591	Water Lily.....	do.....	71	do.....	do.....	18	142 00
74,330	Nokomis.....	do.....	67	do.....	do.....	14	134 00
83,053	Kathleen.....	Shelburne.....	117	do.....	do.....	16	160 00
80,648	Maria.....	Yarmouth.....	109	do.....	do.....	17	160 00
80,628	Roseneath.....	do.....	110	Byron Hines.....	Pubnico.....	17	160 00
75,749	Vivia.....	do.....	43	Parker, Eakins & Co	Yarmouth.....	14	86 00
75,711	Angeline.....	do.....	67	do.....	do.....	14	134 00
75,720	Florence B. Parr...	do.....	90	do.....	do.....	15	160 00
74,320	Brenton.....	do.....	70	do.....	do.....	12	140 00
75,733	Alfred.....	do.....	46	do.....	do.....	12	92 00
75,867	Ida Peters.....	St. John, N.B.	32	do.....	do.....	7	64 00
80,645	Opal.....	Yarmouth.....	97	do.....	do.....	16	160 00
71,031	Sarah Jane Killam.	do.....	51	A. F. Stoneman & Co	do.....	18	102 00
57,134	Margaret Elizabeth	do.....	45	do.....	do.....	17	90 00
69,217	Chlorus.....	do.....	57	do.....	do.....	12	114 00
66,685	Wide Awake.....	do.....	77	do.....	do.....	13	154 00
74,325	Laura Gertrude.....	do.....	47	do.....	do.....	11	94 00
61,790	Twilight.....	do.....	58	do.....	do.....	12	116 00
80,644	Beatrice.....	do.....	100	do.....	do.....	16	160 00
51,978	Pandora.....	do.....	57	do.....	do.....	17	114 00
75,754	E. L. Perkins.....	do.....	46	do.....	do.....	10	92 00
51,962	Jane Porter.....	do.....	38	do.....	do.....	5	76 00
61,921	W. E. Wier.....	do.....	41	do.....	do.....	15	82 00

YARMOUTH COUNTY.

54,136	Ida May.....	Yarmouth.....	70	Wm. Ryder.....	Argyle.....	11	140 00
85,536	Circassian.....	do.....	115	do <i>et al</i>	do.....	14	160 00
38,096	Flying Fish.....	do.....	13	Israel Thompson...	Yarmouth.....	2	26 00
61,827	Gipsy.....	do.....	11	W. A. Powell <i>et al</i> .	do.....	3	22 00
57,103	West Point.....	do.....	38	H. & N. B. Lewis...	do.....	12	76 00
80,642	Harry Lewis.....	do.....	111	do.....	do.....	16	160 00
74,339	Maitland.....	do.....	44	do.....	do.....	14	88 00
52,029	British Eagle.....	do.....	64	James M. Davis.....	.....	14	128 00
77,723	Maggie Blanche.....	do.....	45	Reuben Gayton.....	Argyle.....	7	90 00
74,301	Minniehaha.....	do.....	12	Michael Carroll.....	.....	6	24 00
85,537	Sisters.....	do.....	16	Robert Crowell.....	Yarmouth.....	3	32 00
75,625	Banneret.....	Shelburne.....	54	Reub. Goodwin <i>et al</i>	Pubnico.....	16	108 00
80,605	Coral Leaf.....	Yarmouth.....	71	G. B. Goodwin <i>et al</i>	do.....	18	142 00
57,131	Forest Flower.....	do.....	26	H. Goodwin <i>et al</i> ...	do.....	13	52 00
74,370	Village Belle.....	Shelburne.....	40	Jas. Lennox <i>et al</i> ...	do.....	16	80 00
74,122	Temple Bar.....	Port Medway.	44	Amb. D'Eon <i>et al</i> ...	do.....	15	88 00
71,028	Babarone.....	Yarmouth.....	93	Peter D'Eon <i>et al</i> ...	do.....	16	160 00
61,553	Viidette.....	Shelburne.....	58	Peter T. D'Eon <i>et al</i>	W. Pubnico...	17	116 00
74,332	Proditor.....	Yarmouth.....	54	Zach. D'Eon <i>et al</i> ...	do.....	18	108 00
66,682	Brisk.....	do.....	67	Léon D'Eon <i>et al</i> ...	Pubnico.....	14	134 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Nova Scotia—*Con.*
YARMOUTH COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
3,679	Diploma.....	Yarmouth.....	64	Louis D'Eon <i>et al.</i> ...	Pubnico.....	18	128 00
3,319	Merino.....	do.....	46	R. Amiro <i>et al.</i>	do.....	16	92 00
1,034	Vanguard.....	do.....	47	Charles V. Amiro.....	do.....	15	94 00
0,647	Annie M. Bell.....	do.....	64	Aug. A. Amiro <i>et al.</i>	do.....	17	128 00
7,132	Serene.....	do.....	54	James Amiro.....	do.....	18	108 00
0,641	Jonathan.....	do.....	68	David L. Amiro <i>et al.</i>	do.....	18	136 00
3,990	A la Mode.....	Lunenburg.....	32	Marc A. Amiro.....	do.....	13	64 00
3,811	Electric Flash.....	Halifax.....	53	David D'Entremont	do.....	18	106 00
7,150	Salvador.....	Yarmouth.....	53	Mat. D'Entremont <i>et al.</i>	do.....	17	106 00
3,323	Regina.....	do.....	57	A. C. D'Entremont	do.....	17	114 00
3,579	Will-o'-the-Wisp.....	do.....	41	J. D'Entremont <i>et al.</i>	do.....	16	82 00
3,681	B. K. Kelly.....	do.....	28	R. D'Entremont <i>et al.</i>	W. Pubnico.....	13	56 00
3,683	Ballarose.....	do.....	40	L. A. D'Entremont	do.....	12	80 00
3,748	Anna McGee.....	do.....	58	J. B. J. D'Entremont <i>et al.</i>	do.....	16	116 00
3,030	Arizona.....	do.....	85	S. D. D'Entremont <i>et al.</i>	do.....	14	160 00
3,972	Lydia Ryder.....	do.....	57	A. L. D'Entremont <i>et al.</i>	do.....	18	114 00
3,007	Alfrata.....	do.....	48	C. T. D'Entremont <i>et al.</i>	do.....	17	96 00
3,510	Mansimable.....	Shelburne.....	50	I. D'Entremont <i>et al.</i>	do.....	17	100 00
3,595	Anna Louisa.....	do.....	40	L. P. D'Entremont <i>et al.</i>	do.....	18	80 00
3,033	Sabra Killam.....	Yarmouth.....	56	G. D. D'Entremont <i>et al.</i>	do.....	12	112 00
3,627	Annie D.....	do.....	71	do do	do.....	15	142 00
3,710	Pleiades.....	do.....	38	do do	do.....	10	76 00
3,010	Nancy Anna.....	do.....	35	P. D. Surette <i>et al.</i>	Pubnico.....	16	70 00
3,000	J. and J. Locke.....	do.....	55	do do	do.....	12	110 00
3,037	River Rose.....	do.....	53	Benj. Leblanc <i>et al.</i>	Tusket Wedge	18	106 00
3,646	Emma S.....	do.....	102	do do	do.....	21	160 00
3,535	Sigefroi.....	do.....	40	J. H. Porter & Co. <i>et al.</i>	do.....	13	80 00
3,632	Lumen.....	do.....	30	do do	do.....	10	60 00
3,614	Louise.....	do.....	85	do do	do.....	21	160 00
3,101	Young Scotland.....	do.....	47	do do	do.....	14	94 00
3,075	Kelso.....	do.....	111	do do	do.....	16	160 00
3,724	Sea Foam.....	do.....	75	do do	do.....	14	150 00
3,675	Olike.....	do.....	53	do do	do.....	16	106 00
3,643	Hazel Dell.....	do.....	87	S. L. Oliver & Co...	do.....	14	160 00
3,035	Precursor.....	do.....	46	G. D. D'Entremont <i>et al.</i>	do.....	17	92 00
Totals..			31,176			6,238	55,544 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

PROVINCE OF NEW BRUNSWICK.
CHARLOTTE COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bount Paid.
							\$ c
59,397	Helen C. Young....	St. Andrews...	21	J. E. & T. W. Stuart	Deer Island...	8	42 0
59,326	Maude Holmes.....	do	21	Wallace Stuart <i>et al</i>	do	7	42 0
35,338	Caroline.....	do	18	Jas. M. Lord <i>et al</i> ...	do	5	36 0
59,388	Letitia	do	10	Alfred Johnson.....	do	4	20 0
79,963	Freeman Colgate....	do	26	A. and G. English....	do	7	52 0
59,311	Blooming Rose	do	19	Aaron Cook.....	do	5	38 0
83,472	Linden.....	do	12	Benjamin Parker ...	do	2	24 0
51,734	Lavina.....	do	13	Luther Mathews.....	Latête	5	26 0
83,475	Jennie	do	11	Lincoln Richardson	Deer Island...	3	22 0
83,474	Letter B.....	do	12	David Kelly.....	Latête	3	24 0
59,377	Xantho.....	do	23	L. B. Mitchell	St. Patrick	4	46 0
59,395	Little Minnie.....	do	11	George Douglas	Latête	3	22 0
77,961	Medora	do	23	R. Rose & W. Clark	St. Andrews...	7	46 0
80,882	Ella Mabel.....	do	14	do	do	4	28 0
83,462	Beauty	do	26	do	do	5	52 0
83,476	Mabel.....	do	11	do	do	3	22 0
83,478	Argyle.....	do	10	do	do	4	20 0
80,883	Ocean Queen.....	do	21	do	do	6	42 0
80,034	Mabel	do	12	A. Lamb & J. Watson	do	4	24 0
77,969	Wave Queen	do	11	William McMahon...	do	5	22 0
59,373	E. M. Oliver.....	do	14	Jas. & W. J. Oliver	do	6	28 0
59,387	Telephone	do	19	Joseph McGee	do	6	38 0
59,342	Lizzie S. McGee....	do	14	Andrew McGee.....	Back Bay.....	5	28 0
51,748	Frank L. Dixon	do	18	E. & G. Grearson...	Maccan.....	2	36 0
59,399	Leona	do	12	J. A. Wentworth	Latête	3	24 0
80,881	Lena May	do	18	Edward Mathews.....	do	7	36 0
59,383	Pilgrim's Progress..	do	11	John & Jos. Holmes	do	5	22 0
83,464	Little Annie.....	do	19	Jacob Cook	do	7	38 0
83,463	Havelock.....	do	33	William James.....	Campobello...	4	66 0
77,967	Naomi	do	14	do	do	3	28 0
77,965	Lydia B.	do	12	W. & J. M. Calder.	do	4	24 0
35,348	Helen	do	18	William Akers.....	do	4	36 0
59,322	Sea Flower.....	do	11	George Mulholland	do	4	22 0
38,141	Liberal.....	St. John	26	John Mitchell <i>et al</i>	do	5	52 0
59,321	Little Nell.....	St. Andrews...	21	Wm. McLellan, jun	do	5	42 0
59,346	A. J. Malloch.....	do	21	Isaac Malloch.....	do	5	42 0
75,594	Lizzie G.....	Digby, N.S.....	16	George Scofield.....	Grand Manan.	5	32 0
42,096	Ada	do	29	Wm. B. Guptill.....	do	3	58 0
59,364	Alice	St. Andrews...	10	Harrington Guptill	do	3	20 0
51,966	Friendly	Digby, N.S.....	18	Henry Burnham....	do	3	36 0
35,393	Flash.....	St. Andrews...	11	Isaac Newton.....	do	5	22 0
80,002	John A. Ruddock...	St. John.....	10	John R. Moses.....	do	3	20 0
59,334	Rival	St. Andrews...	27	E. A. Calder.....	do	4	54 0
83,470	Gazelle	do	36	Frederick Cronk....	do	10	72 0
59,365	Union	do	13	W. J. & Geo. Morse	do	3	26 0
75,591	Rise and Go.....	Digby, N.S.....	16	William Sirls.....	do	5	32 0
59,375	Cadet	St. Andrews...	13	Charles Savage <i>et al</i>	do	4	26 0
64,029	Norman B	Digby, N.S.....	20	Paul Enas.....	Wilson Beach.	4	40 0
83,468	Village Belle.....	St. Andrews...	15	John M. Wilson	Campobello...	3	80 0
75,599	Blue Jay	Digby, N.S.....	14	John Phinney.....	do	3	28 0
59,357	Silver Bell.....	St. Andrews...	13	Alex. Malloch.....	do	3	26 0
38,109	Mary	Yarmouth, N.S.	16	James Thompson....	Black's Harbor	3	52 0
59,319	Brisk	St. Andrews...	20	Alf. & Ed. Wadlin.	Beaver Harbor	3	40 0
80,803	Exenia.....	Windsor, N.S..	18	W. F. Parker <i>et al</i>	do	4	36 0
59,329	Rebecca.....	St. Andrews...	13	Milton Eldridge <i>et al</i>	do	4	26 0
52,065	Adelia	Windsor, N.S..	17	Elias Wright <i>et al</i> ..	do	3	34 0
59,394	Hattie.....	St. Andrews...	10	Charles Harkins....	Dipper Harbor	3	20 0

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—New Brunswick—*Con.*

CHARLOTTE COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence	No. of Crew.	Amount of Bounty Paid.
125	Mount Whatley.....	St. John.....	28	Hugh Belmore.....	Dipper Harbor	4	\$ cts.
968	Empress	St. Andrews...	14	Michael Caffary.....	do	3	56 00
043	Lily	Digby, N.S....	19	Wm. & A. Cassidy.	New River.....	7	28 00
011	Bee.....	do	12	Robert Shaw, sen...	Lepreaux	5	38 00
174	Pilot	St. John.....	12	William Cline.....	Deer Island....	2	24 00
883	B. R. Stevenson...	St. Andrew's..	17	J. W. Appleby.....	do	5	24 00
966	Polly	do	11	George Ray.....	do	4	34 00
469	Austin P.	do	12	Lincoln Richardson	do	4	22 00
393	Fannie.....	do	13	George Leonards...	do	5	24 00
419	Nautilus.....	do	19	Henry C. Harris...	Bear River, N.S.	4	26 00
350	Sarah	do	19	Thomas Barry.....	St. George.....	3	38 00
400	Foam Belle	do	10	Thomas Kilsworth.	Sealley's Cove	3	20 00
461	Josie L. Day.....	do	16	Peter Dixon.....	Grand Manan...	3	32 00
260	Genuine.....	Yarmouth, N.S.	27	George Leonard....	Deer Island....	7	54 00

GLOUCESTER COUNTY.

442	Marie Cecile.....	Chatham.....	15	Oliver Duguay.....	Lameque	3	30 00
445	Flavie.....	do	13	Théophile Duguay..	do	3	26 00
447	Merida	do	13	André Hache.....	do	4	26 00
446	Esperance.....	do	10	Wm. Fruing & Co.	Shippegan.....	3	20 00
079	Betsey	do	13	Cyrenus Gionet	do	3	26 00
431	Bee	do	11	Paul Noel	Lameque	3	22 00
401	Sara	do	11	Nazaire Noel.....	do	3	22 00
099	Adelina	do	12	Auguste Poulin.....	do	5	24 00
100	Marie.....	do	12	Onesime Chiasson...	do	2	24 00
437	Flying Fish	do	11	Lévi Chiasson.....	do	3	22 00
720	Sophia	do	25	Ubalde Landry.....	Grand Anse....	3	50 00
	Jean	do	13	Dominique Gallien.	Caraquet.....	3	26 00
392	Mary	do	11	Joseph Gionet.....	do	4	22 00
106	Reward.....	do	11	Alex. Rive & Co....	do	4	22 00
109	Bellemont.....	do	13	Angus McLean.....	do	2	26 00
394	Arrow	do	14	Timothy Daley <i>et al</i>	Bathurst	4	28 00
395	Epopt.....	do	14	J. H. Mann	do	3	28 00
432	Alice.....	do	11	Moses Dignard....	Tracadie.....	3	22 00
082	Marie C. Josephine.	do	13	Laurent Metayer...	do	2	26 00

KENT COUNTY

57	Ino	Charlottetown,	18	James W. Forster...	Richibucto.....	3	36 00
92	Peter Mitchell.....	P. E. I.	26	do	do	5	52 00
103	Finn	Chatham	11	Philip Finnigan.....	do	4	22 00
24	Industry	Richibucto....	17	John Curwin.....	do	4	34 00
12	Favorite.....	Chatham.....	20	Thos. McNeil, sen...	do	2	40 00
57	Merit	do	18	Edward Mundy.....	do	2	36 00
28	Mab	do	13	Jude Robicheau...	do	3	26 00
08	Sea Mouse.....	Richibucto....	10	John Doucette.....	Kingston.....	4	20 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c., Nova Scotia.—*Con.*

NORTHUMBERLAND COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
72,091	White Wing.....	Chatham.....	20	T. B. Williston.....	Bay du Vin	6	40 00
66,724	Nettie Cole.....	Liverpool, N.S.	14	A. & J. Adams .....	.....	3	28 00

RESTIGOUCHE COUNTY.

85,693	May Ellen.....	Chatham.....	12	Edward Doyle.....	Restigouche ...	2	24 00
80,950	Jessie.....	do	14	Simon McGregor...	Charlo	3	28 00

ST. JOHN COUNTY.

69,148	Minnie	St. John.....	24	Issac R. Noble.....	St. John.....	4	48 00
79,993	Humming Bird	do	18	do	do	3	26 00
59,353	Civilian	St. Andrews ..	24	do	do	4	48 00
52,159	Mary E.	St. John.....	21	Fred. Buchanan...	Carleton.....	4	42 00
66,926	Emma	do	13	D. & J. Thompson.	Chance Harb'r	5	26 00
35,331	Victory.	St. Andrews..	16	Frank Campbell...	Dipper Harbor	4	32 00
74,308	Bald Eagle	Yarmouth, N.S.	14	James Wilson.....	Portland.....	4	28 00
42,087	Two Sisters.	Digby, N.S....	14	Thos. Wilson <i>et al.</i>	Pisarinco.....	4	28 00
72,192	Ada.	St. John.....	19	R. McLaren <i>et al.</i>	St. John.....	4	38 00
59,370	Sparkling Billow...	St. Andrews..	25	James W. Belyea..	do	5	50 00
72,272	Bertha.....	St. John.....	15	Johanna McDevitt	Carleton.....	3	30 00
57,171	Anna Bell.....	St. Andrews..	19	Henry Alston <i>et al.</i>	Pisarinco.....	4	38 00
57,181	Hattie.....	Windsor, N.S.	13	H. B. Cunningham.	do	3	26 00
79,977	Amanda Green.....	St. John.....	15	Samuel Hutton.....	Carleton.....	5	30 00
59,313	U. S. Grant.....	Yarmouth, N.S.	32	Robt. & J. Hutton..	St. John	5	64 00
80,093	Anna K.	St. John.....	14	William Spence.....	Portland.....	3	28 00
85,961	Ella.....	do	13	J. & G. Silliphant.	do	2	26 00
72,321	Widgeon.....	do	10	William Hodd, sen.	St. John.....	2	20 00
85,503	George P. Taylor...	do	14	Elijah S. Toole <i>et al.</i>	Carleton.....	3	28 00
75,901	Kate Wilson.....	Dorchester....	85	George R. Ellis	St. John	*1	88 00
83,426	Louisa	St. John.....	16	George L. Young ..	St. George.....	†1	19 20
59,156	Tom.....	do	14	Peter & Jas. Boyle.	Musquash.....	5	28 00
85,972	Dove.....	do	11	Samuel G. McGuire	Pisarinco, W..	5	22 00
88,253	E. B. Colwell.....	do	19	Alward N. Harned.	Carleton.....	3	38 00
	Totals ..	.....	2107	.....	.....	496	4,119 20

*Balance of crew (9) belonged to Newfoundland and not paid a bounty. †Balance of crew (4) did not fish the three months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

PRINCE EDWARD ISLAND.

KINGS COUNTY.

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
0,915	Lily Bank.....	Charlottetown	16	Amos Landry <i>et al.</i>	Montague.....	5	32 00
0,937	Montague.....	do	16	Charles Hayden...	do	4	32 00
5,481	Julia Ward.....	do	39	William Herring...	Murray Harbor	5	78 00
6,242	Amorette	do	18	Peter Roberts.....	do	3	36 00
4,009	Pocahontas.....	do	45	Daniel Gordon.....	Georgetown...	*2	51 92
0,934	Harriet Torry.....	do	59	James McBride.....	.....	†1	63 22

PRINCE COUNTY.

1,302	Alice	Richibucto, N.B.	10	Wm. Wagner <i>et al.</i>	Tignish.....	7	20 00
5,489	Reality.....	Charlottetown	39	A. J. McFadyen <i>et al.</i>	do	3	78 00
5,528	Mary Ellen.....	Pictou, N.S....	22	Ira Hurst..	Summerside ...	2	44 00
1,494	May Queen	Charlottetown	11	Joseph Palmer.....	Lot 10	4	22 00
1,426	Marianne.....	Chatham, N.B.	14	John Coughlan ...	Campbellton ..	5	28 00
3,048	Jennie May ...	do	19	Donald Handrahan	Alberton	4	38 00
0,940	Western Light.....	Charlottetown	49	John A. Matheson.	Campbellton ..	4	98 00
3,348	Carrier Dove.....	St. Andrews, N.B.....	45	M. McLeod, <i>et al.</i> ...	Summerside ...	6	90 00

QUEEN'S COUNTY.

3,226	Mary Queen.....	Charlottetown	22	G. D. Longworth...	Charlottetown	4	44 00
8,722	Onward.....	do	26	William Carpenter.	Rustico.....	7	52 00
	Totals.....	.....	450	.....	.....	66	807 14

*Balance of crew (11) did not fish three months. †Balance of crew (13) did not fish three months.

DETAILED STATEMENT of Fishing Bounties paid to Vessels, for the Year 1883.

PROVINCE OF QUEBEC.

GASPE COUNTY.

Official Number	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner.	Residence.	No. of Crew.	Amount of Bounty Paid.
							\$ cts.
73,022	Lédée Adele.....	Amherst, M.I..	50	Naz. Jomphe <i>et al.</i> ...	House Harbor.	8	100 00
77,604	E. D. Myra.....	Lunenburg, NS	43	F. H. Delaney <i>et al.</i> ...	do	9	86 00
73,491	Mary Jane.....	Amherst, M.I..	47	Jean Arseneau <i>et al.</i> ...	Magdalen Isl's	7	94 00
55,642	Delaney.....	do	44	Camille Delaney...	House Harbor.	8	88 00
73,025	Marie Euphrosyne..	do	39	Nectaire Arseneau...	do	7	78 00
73,495	Canadienne	do	53	do <i>et al.</i> ...	do	8	106 00
73,492	Thirza	do	14	J. Nelson Arseneau	do	3	28 00
54,082	Pheasant	do	31	do	do	6	62 00
77,612	Gold Hunter.....	do	41	do <i>et al.</i> ...	do	8	82 00
80,929	J. N. A.....	do	63	do	do	10	128 00
55,644	Lion	do	42	Vital Richard <i>et al.</i> ...	do	6	84 00
73,027	Una	do	41	P. Turbide <i>et al.</i> ...	do	7	82 00
75,587	Mary Ann Bell.....	Lunenburg, NS	32	V. Theriault <i>et al.</i> ...	do	9	64 00
73,024	Marie Enesie.....	Amherst, M.I..	47	Wm. G. Leslie.....	do	6	94 00
73,021	Marie Annie.	do	46	Wm. Terrieau <i>et al.</i> ...	do	7	92 00
73,029	F. P. T.	do	41	P. Turbide <i>et al.</i> ...	do	9	82 00
75,814	East Lynn.....	Halifax, N.S...	35	Isaac E. Arseneau.	do	10	70 00
74,177	Dauntless.....	Charlottetown P. E. I.....	12	Gilbert Cormier	Aubert, M.I....	2	24 00
38,351	Nancy	Arichat, N.S...	16	Thadee Cormier....	do	5	32 00
42,800	Cutter.....	Amherst, M.I..	27	Lucien Cormier....	do	3	54 00
73,494	Marie Dolorosa	do	44	André Devaux.....	do	8	88 00
71,357	Emma Gidney.....	Halifax, N.S...	47	Damien Devaux.....	do	8	94 00
73,493	Marie Joseph.....	Amherst, M.I..	55	David Lapierre	Basin, M.I....	6	110 00
85,391	Esperance	do	30	Celestin Boudreau...	Aubert, M.I....	7	60 00
69,383	Speedwell	Gaspé.....	34	Simeon Mabe <i>et al.</i> ...	Malbaie.....	3	68 00
33,632	Admiration.....	do	60	Joseph Tripp.....	S-W. Arm....	16	120 00
64,856	Cora May.	Magdalen Isl's	42	Jean N. Arseneau..	House Harbor.	8	84 00

SAGUENAY COUNTY.

73,026	Ste. Anne.....	Amherst, M.I..	20	Narcisse Harvé <i>et al.</i> ...	Betchouan	5	40 00
69,382	Marie du Sacré- Cœur	Gaspé.....	46	Onésime Turbie.....	Pt. Esquimaux	9	92 00
77,865	Gorilla.....	Quebec.....	41	V. Boudreau & Frère	do	9	82 01
77,616	McK	Lunenburg, NS	39	Julien Boudreau...	do	9	78 00
80,754	Eugenie	Quebec.....	48	Amadee Vigneau...	do	8	96 00
37,691	Triomphe.....	Lunenburg, NS	22	N. Cormier & Frère	do	8	44 00
59,909	Elizabeth.....	Quebec.....	27	Luc Cormier.....	do	6	54 00
42,434	Marguerite	Gaspé.....	27	Jean Cormier <i>et al.</i> ...	do	7	54 00
42,436	Amelia	do	50	Paul Cormier.....	do	9	100 00
74,092	I. M. G. Campbell.	Halifax, N.S...	15	Xavier Arseneau...	do	5	30 00
69,380	Marie Anne.....	Gaspé.....	36	Dominique Landry.	do	8	72 00
77,866	Pioneer	Quebec.....	39	Charles Lebrun.....	do	10	78 00
61,966	D. Cronan.....	Halifax, N.S...	40	Peter LeMarquand.	do	7	80 00
83,370	C. M. G. P.....	Quebec.....	46	Geo Picard & Fils.	do	10	92 00
75,679	Gleaner.....	do	40	Benjamin Landry...	do	8	80 00
75,445	Phoenix.....	Gaspé.....	28	Vigneau & Frère....	do	8	56 00
75,680	Sea Star.....	Quebec.....	52	Jude Poirier <i>et al.</i> ...	Betchouan	10	104 00
42,437	Progress	Gaspé.....	52	Vital Boudreau.....	Pt. Esquimaux	9	104 00
85,750	H. B.....	Quebec.....	57	Hypolite Boudreau	do	10	114 00
80,753	Stella Maris.....	do	50	L. Cummings & Co.	do	10	100 00
57,742	A cara	Halifax, N.S...	30	Frederick Jomphe..	do	7	60 00

DETAILED STATEMENT of Fishing Bounties paid to Vessels, &c.—Quebec—*Concluded.*SAGUENAY COUNTY—*Concluded.*

Official Number.	Name of Vessel.	Port of Registry.	Tonnage.	Name of Owner or Managing Owner	Residence.	No. of Crew.	Amount of Bounty Paid.
69,591	Ste. Marie.....	Quebec.....	37	Alex. Scherer.....	Pt. Esquimaux	10	\$ cts.
85,753	Java.....	do.....	46	Dominique Cormier	do ...	9	74 00
85,754	Florida.....	do.....	26	Hyp. Bourque <i>et al.</i>	Natashquan...	6	92 00
83,352	Ste. Anne.....	do.....	18	Pierre Brochu.....	Sept Isles...	4	52 00
42,435	Labrador.....	Gaspé.....	43	Placide Doyle.....	Pt. Esquimaux	9	36 00
59,468	Busy.....	Quebec.....	39	André Vigneau <i>et al.</i>	do ...	6	86 00
64,990	Marie St. Croix.....	do.....	17	Joseph Fortin.....	L'Islet....	2	78 00
83,360	Ste. Anne.....	do.....	13	Emile Fraser <i>et al.</i>	Green Island.	4	24 00
85,459	Florida.....	do.....	13	William Michaud...	do ...	3	26 00
85,756	Aristile.....	do.....	19	Placide Talbot <i>et al.</i>	Natashquan...	4	26 00
80,755	La Marina.....	do.....	18	Laurent Gallant....	Riv. Gananiste	5	38 00
69,384	Ice Bird.....	Gaspé.....	39	Elie Lavoie.....	Pt. Esquimaux	9	36 00
	Totals.....		2209			437	4,418 01

RECAPITULATION.

	Tonnage.	Crew No.	Bounty Paid.
Nova Scotia.....	31,176	6,258	55,544 00
New Brunswick.....	2,107	496	4,119 20
Prince Edward Island.....	450	66	807 14
Quebec.....	2,209	437	4,418 01
Totals.....	35,942	7,237	64,888 35



No. 2.

NOVA SCOTIA.

ANNUAL REPORT ON THE FISHERIES OF NOVA SCOTIA FOR THE
YEAR 1884, BY W. H. ROGERS, ESQ., INSPECTOR.

AMHERST, N.S., 31st December, 1884.

Hon. A. W. McLELAN,
Minister of Marine and Fisheries.

SIR,—In submitting my report on the fisheries of Nova Scotia for the year just closed, I am pleased to be able to point to encouraging evidence of future increase, as well as a very largely improved yield for the past over any preceding year since the confederation of the Provinces, if not in the entire history of Nova Scotia. Prominent among the causes of this encouraging growth of our fishing interests, I hope to be able to show the work of your Department in protecting and cultivating our inland or river fish, no less than the inducements held out to the people to engage in this profitable industry, in bounties and in offering every encouragement and aid to the improvement of fishing appliances. The mackerel trap, which was introduced in the Counties of Shelburne and Yarmouth about the year 1870, amid much opposition, is rapidly coming into general use, and its advantages are not only being seen in the increased catch of mackerel, but also in that of herring and other fish, and indirectly in the regular and abundant supply of bait to the line fishermen.

The entire crop for the present year, at the prices uniformly given in these returns, amounts to \$8,763,779.36, being an increase of \$1,074,404.61, or about 14 per cent. over the previous year. The profits of the business, in consequence of the small prices obtained and the dullness of the markets, have been small, and our fishermen in many parts of the coast have a gloomy winter before them. I do not, however, anticipate much actual suffering.

The increase is confined chiefly to the four items following:—

Mackerel, about.....	\$ 660,000
Cod “	270,000
Herring “	230,000
Lobsters “	70,000

These estimates include both Cape Breton and Nova Scotia proper. The river fisheries in both sections of the Province are rapidly improving, as the following facts and figures, the general accuracy of which I am prepared to say may fully be relied upon, will prove:—

SALMON.

This king of fish, regarding whose movements and prospects there has been much controversy for some few years past, is behaving just about as I have always intended it would, and is subject to the same general laws of atmosphere and weather which influence the movements of all other fish, and which affect adversely or otherwise their annual or periodical productiveness. That there has been an annual

decline in the quantity of these fish taken all along the northern coast of the Atlantic from Hudson's Bay to Cape Hatteras, no man can deny, and, because of this decline many persons have been very freely and dogmatically predicting a speedy annihilation of our salmon fishery, and point to certain local abuses as the cause, and that because the few millions of fry put into the streams, from two or three small hatcheries, have not only not prevented the ebb-tide in our salmon product but have not caused a great boom, fish-culture, as conducted in Canada, is a failure. With such views I have no sympathy. On the contrary, I am fully satisfied that all the visible results that any person, having any accurate knowledge of salmon fisheries in this or any other country could expect, are to be seen, at all events in some of the rivers of this Province. The difficulty with these people is that they have been expecting altogether too much without looking into the subject.

I claim that much has been done towards the increase in this fishery by the protection during the close season, and in the opening of the mill-dams for the easy ascent of the fish to their natural spawning grounds. I am ready to admit that the hatcheries have contributed their small percentage to the general improvement above referred to, and I expect before many years, a much larger crop of salmon than has ever been taken in the Province.

The salmon crop of Nova Scotia and Cape Breton has been for the years—

	Lbs.
1880.....	383,550
1881.....	279,943
1882.....	580,061
1883.....	575,940
1884.....	730,984

So that we are clearly on the flood-tide of increase, which, I think, is likely to continue for some time yet, with probable slight annual fluctuations, caused, not so much by the scarcity or abundance of fish, but by the influence of the weather upon the modes of catching them.

The protection of the salmon fishery from the operations of the poacher, and the opening of the mill-dams as rapidly as possible for the easy ascent of the fish to their natural spawning beds, are essential, if a continued improvement is looked for. Artificial culture, properly and economically conducted, for the purpose of restocking rivers, entirely depleted of fish, as in the case of Wallace River, must, however, prevail in the end.

As the salmon have free water to ascend the rivers after the 15th August, with the exception of the hinderance offered by poachers, I do not think that the spring fishing legally conducted will materially exhaust the supply, because in this Province at least, the great bulk of the spawning fish do not enter the rivers until the fall rains swell the streams.

I here reproduce a letter just received from James A. Tory, Esq., Overseer for Guysboro', as good an authority as there is in Nova Scotia in fishery matters, and he will be seen to corroborate my views as to the decline of the salmon fishery up to 1882:—

"In reply to yours of the 22nd inst., in reference to the catch of salmon, I can only speak of this County, but I have no doubt the same reasons are applicable to the other Counties. Formerly a considerable portion that appeared in the returns were taken on the coast of Labrador and Cape Breton, as well as on the shores of this county but the fishery in the two former places has been totally given up, and to a large extent in the latter. This will account for the falling off during the past ten years. The catch upon the coast will vary from year to year, and my experience is, that when the season for fishing is wet or the rivers high, the catch is short. This, to my mind, proves that the fish escape the nets by entering the rivers. Another reason is, the nets are dirty and foul, so the fish will not mesh in them. The most of the catch is about the mouth of the rivers. I think the salmon are as plenty on the coast as they were ten years ago, only the facilities for catching are not so great."

Before dismissing this subject, I beg to say that in my opinion the penalties for illegal salmon fishing are not sufficiently heavy. Fines should be from, say \$30, upwards, with a term of imprisonment, and those killing salmon in a fishway should be given not less than twelve months imprisonment. This sort of vandalism is on the increase, and the worst feature of it is that the culprits receive, in too many cases, the countenance and moral support of respectable citizens, which emboldens them in their illegal and dishonest operations. I am very decided in the belief that these people will never be properly checked until the vice of the law is given another turn or two, that the sting may be the more painful.

ALEWIVES.

This branch of the fisheries maintains the large increase of the past four years. The average annual yield of the four years from 1876 to 1879, both inclusive, was 7,050 barrels, and of the last five years, from 1880 to 1884, both inclusive, was 20,000 barrels, nearly three times as much as the former; and yet, in the face of facts of this kind, there are those who assert that the river fisheries of Nova Scotia are rapidly declining. If the above fact is evidence of decline, the more of it the better. I venture to predict a still further increase in the immediate future. The following table will show the annual yield of this item since 1875:—

	Barrels.
1876	7,616
1877	5,443
1878	5,733
1879	9,409
1880	16,145
1881	22,474
1882	21,656
1883	18,346
1884	20,688

SHAD.

I am again, contrary to my expectations, compelled to report a still further decline in this branch of the fisheries, but I think we are now at the lowest and may, as in the alewife, salmon, and Digby herring fisheries, expect an annual increase for some years to come. During the four years, from 1870 to 1873, both inclusive, we caught 10,870 barrels; from 1874 to 1877, 25,732 barrels, and from 1878 to 1881, 34,650 barrels. The next four years will end with 1885, but as the past three have only realized 12,850 barrels, we will need to catch over 20,000 barrels the coming year to hold our own, and this I do not expect. Still the increase will come, particularly so as the Americans are very extensively cultivating these fish. It is my belief that shad move along the coast southwardly in the fall and enter the rivers of the southern States to spawn in the month of January, coming, as the fishermen of Florida affirm, from the north, while they enter the Bay of Fundy in the middle of June, coming from the south. If, as some persons hold, the Bay of Fundy shad fishery is the product of the St. John and other provincial rivers, the decline should be most marked in these rivers; but this does not seem to be the case, particularly with the St. John River, and I presume the people catch all they can while they are ascending the streams. According to the returns of shad taken in the St. John River Counties, there appears to be no decline, while the few which it is said escape the harbour weirs and go up the bay to feed must multiply marvellously on their short journey, because from ten to twelve thousand barrels per annum have been taken up the bay which do not enter the rivers there. Where do they come from, then, if not from rivers further south? The native shad are few in number in any of our rivers, and spawn early in the spring, coming down about the last of June and 1st of July, spent and unfit for food, while the bay shad are caught about the 15th and 20th June and are then quite fat.

The shad fishery is, however, pursued with much enterprise, and the natural source of supply is probably overtaxed, but I still think this will be fully met by artificial culture, so extensively conducted in the United States.

HERRING.

This fishery has given a largely increased crop. As stated in my last annual report, the annual average yield for the ten years, from 1869 to 1879, was 147,101 barrels, and for the four years, 1880 to 1883, 183,443 barrels, being an average increase of 36,338 per annum; but the catch of 1884 outstrips all past experience, amounting to 250,554 barrels, an increase of 65,111 barrels—35 per cent. over the average of the previous four years. The catch of

"DIGBY CHICKENS"

Continues to increase also. They have, during the past season, been more plentiful than for many years, and thus my expectations, often expressed in my reports and other correspondence with your Department, have been most effectually confirmed in reply to predictions of impending ruin from local abuses. During the year previous to 1880, the annual yield averaged but 28,000 boxes, and during the year from 1880 to 1883, inclusive, 92,803 boxes. This year, we have a yield of no less than 112,785, and so great was the catch in some of the weirs that large numbers were used as manure; the people not being able to cure them before they spoiled.

COD.

This fishery shows an increase of 57,277 quintals over the previous year, but the markets have been very dull and prices have ruled low. Hence, the business, during the latter part of the season, was not pursued with as much energy as it otherwise would have been. The bounty annually paid the fishermen is stimulating enterprise, particularly in this branch of the fisheries. On the coast of Labrador the cod fishery was almost a total failure, and those of our own fishermen who went there came home empty-handed, while those who fished on the banks got two and three full fares. The catch along the shores of this Province was generally rather light.

MACKEREL.

Our returns this year show the largest crop of mackerel reported since 1871. This is what I confidently expected last year, when I advised the fishermen to have their mackerel gear ready and in good order as I was looking for a large run around our coasts during 1884. The yield amounts to no less than 156,000 barrels. The fish were generally small, however, and sold at low rates. Still the quantity taken was double the average of the three previous years, and the run will probably continue two or three years more; but these fish are so uncertain in their movements, that it is very difficult to establish any plausible theory regarding them.

LOBSTERS.

This fishery has been very productive, and 5,145,273 cans have been put up—an increase of 274,934—in addition to which, some 375 tons have been shipped to the United States alive and consumed fresh by the people. There is some difference of opinion as to the proper close time for lobsters. It is quite certain that, during five or six weeks in midsummer they are unfit for food, the time varying from two to three weeks, between the extreme east and west of the Province. I am of the opinion that a uniform close time of six or seven weeks, from the 20th of July to the end of August, or 25th July to the 5th of September, would be preferable to the present law. This would give those fishermen, on coasts obstructed with ice late in the

spring, an opportunity to fish some six or seven weeks in the fall months, when the fish are perfectly good.

BASS AND SMELT.

Fisheries are annually increasing in importance, and regulations governing them are very necessary. I think those in force in New Brunswick should be extended to this Province. We had no little difficulty in controlling the fishermen at Tidnish, where an important bass fishery was discovered last winter. I have already called the attention of the Department to this subject.

FISH-WAYS.

The summer has been so continuously wet, and the streams in consequence swollen, that nothing could be done until late in the season. Still, with Mr. J. B. Kinney's efficient aid, I have been able to construct seven new ladders, and to repair two or three others, so that we have now in the Province over twenty fish-ways on the model of the new patent, and all are working well. Many more are needed in the Province, and it is to be hoped a good number of these may be built next season. This is, without question, a most important part of our work, and its beneficial effect upon our river fisheries can hardly be over-estimated.

The cost of these structures is proving to be much less than I anticipated it would be at the time of their invention, and in this regard Mr. Kinney deserves the chief credit. He, and all others who are placed in a position to know, are becoming quite enthusiastic over the value, importance and effectiveness of the new ladder.

GENERAL REMARKS.

It will be observed that I have discussed the fisheries as including Cape Breton. This could not be well avoided when referring to the comparative yield of the various items with former years.

In regard to fish consumed fresh by the people, I have to say that instructions to Overseers, in pursuance of departmental suggestions, have been variously construed. It will be noticed by the returns that some have entered an estimate for home consumption in value, others more in detail, while others, and, to a certain extent, all have included all consumed by the people in their general figures. It is impossible to attain uniformity in this regard, and I confess that it must be a matter of the greatest difficulty for the Overseers to separate what is consumed by the people from that which enters into commerce. In some counties almost all the fish caught are used by the people where they are taken, and the officers have, as heretofore, entered the whole in the different columns. In my opinion it would be preferable, in many cases, to have all the fish, no matter where or how consumed, entered opposite their proper localities and in their respective columns in the returns, and to ask the overseers to make an estimate in their written reports of the proportion of the total catch used for home consumption. I may remark here that the increase in the general account of the fisheries for the year is not owing to any former omissions in accounting for what has been consumed fresh, as this has always been included by overseers in former years, as above suggested. Hence, all additions to our returns on account of this supposed omission are made in error. The increase for the present year fairly represents the improvement in the fisheries, and is not owing to inaccuracy in the statistics heretofore, a glance at the returns showing that the increase is confined almost entirely to the four items—mackerel, cod, herring and lobsters.

Abuses still exist, to a certain extent, in this Province, but have been so frequently referred to in former reports that a repetition here will be unnecessary. The tendency is strongly towards improvement, especially in districts in charge of active officers.

I append, as usual, synopses of the overseers' reports, which will be found interesting and useful. Many erroneous notions, so prevalent in the early part of our work, have been abandoned, and as our proper work is becoming better understood, the different officers are enabled to give much profitable information regarding the various branches of the fisheries. Nor can I close this report without again referring to the inadequacy of the remuneration these officers receive, and I would strongly urge the necessity of an increase in the scale of salaries paid the Nova Scotia fishery Overseers and Wardens.

I have the honor to be, Sir,

Your obedient servant,

W. H. ROGERS,

Inspector of Fisheries for Nova Scotia.

SYNOPSIS OF FISHERY OVERSEERS' REPORTS.

ANNAPOLIS COUNTY.

Overseer W. T. Carty, of Tupperville, reports that the hook fishing is gradually decreasing in the Bay of Fundy. The catch is largely made up by small vessels which frequent the mouth of the bay. The fishermen attribute the falling off to the great amount of trawling. Herring have been very plentiful on the coast of the Bay of Fundy, and in the Annapolis Basin. The fishermen have not been able to handle one-half of those caught; the Basin being fairly alive with them. Markets have, however, been so low, that great quantities still remain on hand, and those sent away have hardly paid expenses.

The fish-ways at Round Hill, Lequille, and Lawrencetown, are all in good working order. The Beals' dam at Nictaux has been down for two years, thus giving the fish a clear passage. It has been impossible to get a correct account of salmon taken at Round Hill. They have been very plentiful in the brook. There has been no fishing carried on in the Annapolis River; the late freshets having made it impossible.

ANTIGONISH COUNTY.

Overseer John McDonald, of Doctor's Brook, reports that a much larger amount of fish has been taken in Antigonish County this year than for many years past. This he attributes principally to the energy and perseverance of the fishermen along the shores; all the fish being caught in boats. The demand for fish has been good and prices have been on the increase. The fishermen are well satisfied with the system of licensing the salmon fishery, and Mr. McDonald finds that it keeps the best of order among them; quarreling and rowing for berths being unknown. Spring herring and alewives were more plentiful than for many years past, but the fishermen, not expecting them so abundantly, were not sufficiently prepared. He believes that the catch of mackerel, lobsters and hake would have been double the amount reported had the weather been less stormy. The lobster packers are generally well satisfied with the season's business. Overseer McDonald examined all the fish-ways in the County and found them in good repair, but as they do not do their work properly, he would ask the Department to have them rebuilt after the Rogers' model. Owing to the lateness of the fall freshets, it is feared that salmon and other fish did not, this year, reach their proper spawning grounds, and that in consequence a decrease may be looked for.

COLCHESTER COUNTY.

Overseer J. W. Davison, of Upper Economy, regrets to report a still further decrease in shad. It is difficult to explain the continued decrease, but Mr. Davison

inks that the wind and weather has had much to do with it, the past season being very unfavorable in this respect. He also thinks that between the large numbers of eirs set and of boats with long nets there has been a great deal of over-fishing. In opposition to the opinion of many of the fishermen, Mr. D. believes that these fish will gain be as abundant as formerly. There always has been periodical fluctuations, and when there is a large run the number of persons who rush for them and the crease in the number of boats and weirs, the latter set on the flats, where the fish come to feed, are so great that it is not to be wondered at that there follows a decrease. While there are stringent laws for the protection of other fish, shad have been to a large extent entirely unprotected. Mr. Davison strongly recommends that there be close season while shad are full of spawn, and believes that they should not be caught from 1st November to 15th June.

The close season for salmon has been generally well observed. There are known, however, to be poachers, with the most destructive means of killing fish known—namite—who are watching their chances.

There are six fish-ways on the old model in his district, which he hopes will soon be replaced by new ones.

Overseer Henry Blair, of North River, also regrets to report a greater scarcity of h in the bay than usual. The catch on the whole, however, was fair. The run of shad early in the season was very good, but later it was much smaller, when the fishermen became discouraged and gave up. Afterwards, however, there was another good run, which was entirely lost.

Salmon came into the rivers in July, and have been going up ever since, but owing to the wetness of the season and the consequent great height of the river, the catch of both salmon and alewives has been small. The latter were abundant in the Subenacadie.

Overseer R. J. Pollock, of Lower Stewiacke, attributes the small catch of shad on the Stewiacke River to the fact that it was impossible to set nets, owing to the height of the water.

Very few salmon came up this river until after the close season. From September to November they were very plentiful. All the fish caught in his district were used for home consumption.

Overseer Henderson Gass, of Tatamagouche, believes that the decreased catch of salmon in his district is owing to the extent to which this fishery is pursued further down the coast for canning purposes. He also believes that the clearing of the country, in causing the soil to find its way into the rivers, destroys the spawn or prevent its maturity.

Mackerel were very plentiful in the bay during the summer, but so few people were prepared for them that the catch was small.

The only fish-way in his district, at the Balfour Mill, was thoroughly cleaned out the fall, and is now in good order.

Mr. Gass recommends that an extension of the open season for salmon be made. They do not enter the rivers on that coast until about the 1st of October, when it is lawful to catch them. He believes that were the people allowed to catch them for a short time after they enter the rivers, to stop poaching afterwards would be a matter of little difficulty.

All the fish caught in his district were consumed by the people.

DIGBY COUNTY.

Overseer William Hanley, of Digby, reports a decrease in the catch in his district, which he attributes to low prices in the markets, and the consequent non-prosecution of the business. Mackerel entered St. Mary's Bay in large quantities, and the people are so unprepared to cure them that large numbers had to be utilized as compost. From the most reliable authority to be obtained, Mr. Hanley finds that not less than 5,000 barrels were taken in seines by foreign vessels.

Herring were quite as plentiful as usual in the Basin, but not many were taken in the weirs. Very few shad were taken in the weirs in St. Mary's Bay during the past season. The weather has been very unfavorable for fishing. The Salmon River fish-way is in good condition. The county line trap has done well, though taken up before the mackerel entered the bay.

Overseer J. A. Collins, of Westport, attributes the decrease of this over the past year's catch, according to the returns, to the facts that the amount reported last year was excessive and that a large number of those heretofore engaged in line fishing this year followed the lobster business. There was a large catch of lobsters and it is probable that in future this business will be much more largely followed. The catch of mackerel was also large, they being taken principally in St. Mary's Bay. As the head waters of this bay form spawning beds for mackerel and herring, Mr. Collins recommends that some measures be taken for their protection. During the past summer, large quantities of mackerel were allowed to die in the weirs along Digby neck and around St. Mary's Bay, caused by the negligence of the weir owners. The throwing overboard of fish gurry by American and other vessels is a great injury to the mackerel fishery and unless stopped it will destroy the fishing in St. Mary's Bay.

GUYSBORO' COUNTY.

Overseer James A. Tory, of Guysboro', reports that, although the amount of the season's catch has been about the same as that of 1883, owing to the decline in price of nearly all kinds of fish the business has not been nearly so profitable as last year. Owing to the myriads of squid which swarmed the coast and destroyed them as fast as they meshed in the nets, the catch of fall mackerel was, contrary to confident expectations, almost a total failure. The decrease may appear small, but is very important as to value. Were it not for the causes stated, the catch would doubtless have been far in excess of last year's catch.

The lobster fishery shows a deficiency of 64,200 lbs. This falling off is severely felt by a class of persons unable to bear it, besides the general loss in a commercial point of view. The steady decline of the catch for several years past confirms the fears Mr. Tory has formerly expressed that the over-prosecution and want of efficient protection would ultimately destroy it. The decline in the hook and line fishery is attributed to low prices, which caused the withdrawal of some of the bankers from that fishery, and the shore or boat fishermen turning their attention to the net fishery. Otherwise, this branch of the fisheries would have exceeded former years, as fish were very plentiful.

The herring fishery has, in some portions of this district, far exceeded the catch of former years, and the excess will, to a certain extent, make up the loss on the short catch in other branches; but, at the same time, the low prices given for them has been a serious drawback.

Squid and other bait fish was in very little demand after the bankers were first supplied. Although very abundant during the latter part of the season, very few were taken.

The fishermen of Chedabucto Bay complain of the damage done their fishing gear by the American seiners, and with justice, as from forty to fifty sail could be seen at one time sailing to and fro through the nets, &c. for several weeks, and the fishermen say that whenever and wherever their gear came in the way of the Americans, who were casting their seines, it was "out knife and cut away." Mr. Tory fears fatal results will follow a continuation of such acts, as the fishermen will not endure it. It calls for protection on the part of the Government.

Salmon and alewives entered the rivers in large quantities during the spring and fall, and owing to the height of the rivers they were unmolested, and an increase in these fisheries may be expected. Mr. Tory again urges the necessity for a small outlay for the purpose of clearing obstructions in the rivers and building proper fishways.

Overseer Allan McQuarrie, of Sherbrooke, reports a small decrease in the total catch in his district, and that owing to small prices many of the fishermen are sufferers. Fishing in the early part of the season was almost a total failure, but why it is difficult to state. The weather was dark and foggy, and what the fishermen complain of unfavorable winds prevailed. In the latter part of the season fish were abundant, but the low prices and the destruction of herring in the nets by squid caused a relaxation of effort. The catch of lobsters was an average one, but those of small size were very numerous. The catch of salmon was about the same as usual, but they have not been fished for so persistently as heretofore. The fine rivers of Guysboro' County and the inland lakes would afford excellent opportunities for the artificial culture of these fish; they could be bred to almost any extent, and would prove a great source of wealth to the county. The re-stocking of the lakes and rivers would be universally appreciated by the people.

Trout in the St. Mary's River were much more plentiful than of late years, and were of large size and excellent quality. Alewives and smelts could be largely increased by the removal of obstructions to their ascent of the rivers. Indian Harbour is in need of especial attention. The Country Harbour River, so famous for its salmon, trout and alewives, is so badly obstructed in the upper district with jams of driftwood and rubbish that fish cannot ascend to the beautiful clear lakes and sandy bottoms above.

The fish-way at Fisher's mills is a subject of much dispute among interested parties. The very best form is needed, and also a resident warden to guard it properly.

Mr. McQuarrie notified mill owners on the McKeen Brook to cease putting saw-logs in the stream, which has been fast filling up, to the great injury of the fish.

HALIFAX COUNTY.

Overseer Isaac Gaetz, of Musquodoboit Harbour, reports that the fishermen complained bitterly of the unpropitious character of the past season for the prosecution of their work. While there have been only a few storms that were very severe, and in which the fishermen lost many nets and other material, it has been rough enough almost continually to prevent fishing in small boats. The depression in the West India market for some time past has had a serious effect on the fishing interests, as prices have ruled very low. Mr. Gaetz states that he has taken all the pains possible to get accurate returns of the season's operations, and believes that the figures given are as nearly correct as possible. The salmon fishery has been about the same in extent as last year. There was a heavy freshet about the 1st of July, when the salmon were running, and a great many went up the rivers. Sea trout seemed to be more abundant than for some years past, but he regrets to have to report a falling off in alewives. He hopes, however, the decrease is only temporary, and has been assured from most reliable sources that multitudes of young fish went down the rivers. Mackerel have been more abundant this season than for some years past, and the fishermen say that, had the weather been favorable, they could have got all they wanted. The falling off in herring is owing entirely to storms that prevailed about the time they made their appearance on the coast. The cod fishery has not been a success on the Halifax coast this year, and were it not for the bounty that encourages the building and employment of vessels, there would have been a very light catch of cod to report. The fact that the lobster business has been so active that most of the fishermen have devoted their attention almost exclusively to it, until the canneries closed, accounts in part for the decrease in cod. There has been a large increase in canned lobsters. Nine factories have been in operation in Mr. Gaetz's district during the past year, and he believes that two or three new ones are to be expected for the coming season. He used his best endeavors to keep the rivers and streams unobstructed. There are a number of lawless creatures he has to deal with, who lie around all day and grumble about hard times, while they spend their nights, a part of them, in poaching the rivers. Mr. Gaetz rebuilt the fish way at Moser's

River, which was partly destroyed by freshets, and also made a small expenditure on Salmon River, in order to allow salmon, trout and other fish to get up. The sawdust trouble is making an appearance, notably at Sheet Harbour, but he cannot see that it injures the fisheries to any extent, with the exception of the annoyance it causes the fishermen by getting into their nets.

Overseer John Fitzgerald, of Portuguese Cove, reports that the catch of fish in his district is about the same as that of last year; that no abuses exist of which he is aware, and that the close season has been strictly observed. There are five fish-ways in his district, all of which have been kept open, and all are in fair working order. The fall fishing proved a total failure, owing to the prevailing high winds, which kept mackerel off shore.

HANTS COUNTY.

Overseer T. B. O'Brien, of Maitland, reports a slight decrease in the catch of salmon and shad, but an increase in other branches sufficient to make up for the decrease. More attention is being paid to the alewife fishery than heretofore. The shad caught this season were of the best quality and readily sold for nearly double the price at what they are rated in the returns. Squid have been very plentiful in the bay, but have proved most destructive to the shad after they had meshed in the nets. He believes that they will have a tendency to keep shad from the bay.

KING'S COUNTY.

Overseer R. F. Reid reports an increase in the alewives fishery in his district over that of several years past. Now that two new ladders, after the new model have been placed in the Benjamin mill-dam, which appear to be all that can be desired in the way of a fish-pass, he has hopes there may continue to be an increase. He suggests, however, that a ladder be placed in the Dodge mill-dam near the lake, which would give the fish a free passage to their spawning grounds, they having now to go up a small brook to get to the lake.

Mr. Reid is pleased to state that there has been quite an improvement in the catch of salmon this season over that of the last, but he is unable to assign a cause for the increase in either alewives or salmon.

Overseer James S. Miller, of Canning, reports an almost total failure in the shad fishery in King's County for the past season, and also in the herring fishery of Medford. The cause of failure seems to be a scarcity of fish rather than a less vigorous prosecution of the fisheries. This does not prove that the fisheries in these places are becoming exhausted. Experience goes to show that there is a continual ebb and flow in the catch of fish in any given place, and there can be little doubt that the shad fishery will again prove a profitable industry in King's County.

LUNENBURG COUNTY.

Overseer George Redden, of Chester, reports that, since obstructions have been removed from Larder's River, the rivers in his district are in good order and there can be no difficulty in the fish ascending to their spawning grounds. There has been a marked increase in alewives this season; the amount caught being double that of last year. There has also been an increase in the catch of salmon, which Mr. Redden accounts for by the restocking of the rivers by the Department. He has had all the fish-ways in his district that were out of order repaired, and hopes to see the new ladder placed in Upper Gold River. The close time has been well observed, but the greatest difficulty is to prevent dipping in Gold River. Mr. Redden hopes that a regulation may be made forbidding it, as it is the source of great injury to the salmon fishery.

There has been a large increase in mackerel this season, but the fish have been of a poor quality. The increase is principally owing to the traps. The increase in

is owing to a more vigorous prosecution of that fishery. There has been a decrease in the catch of herring, owing to small prices obtained for them.

There are three small streams that alewives frequent, which should be cleared of obstructions, and were they properly opened, there would doubtless be a large increase in the alewife fishery in this district.

Overseer C. E. Goddard, of Bridgewater, reports that the catch of salmon in the LaHave River has been greater than in any year before, since his appointment. The river in the river was at times very high and, to the chagrin of the poachers, gave salmon an excellent opportunity to pass the dams. The estimated catch of salmon from the mouth of the LaHave to Davison's lower dam was about 3,000 lbs. *Goddard* believes that a warden is very much needed there to assist him in his various duties. It is now impossible to get a local constable to arrest offending poachers, but a warden would be expected to obey instructions of the Overseer, and poachers would no longer violate the law with impunity. During May he visited the mills on the river and its tributaries, and notified the owners that they must prepare a proper place for depositing their sawdust and mill rubbish.

PICTOU COUNTY.

Overseer A. C. Pritchard, of New Glasgow, regrets to report that the run of salmon in the rivers of this district last season was exceptionally small. This he attributes to the unusual lateness of the freshets. During the ordinary spawning season there was not sufficient water in the river to admit of the passage of fish; consequently, when the freshets came but few made their way to the spawning grounds. Large schools lay for weeks in the basins at the head of the tidal waters, and it is generally believed they spawned there.

A quantity of fresh salmon was brought from the French River from time to time during last close season and sold at the Vale Colliery, and although *Mr. Pritchard* has made every effort to have the offending parties arrested he has been as yet unsuccessful.

The fish-ways on Middle and East Rivers have been well tested by the late freshets, and although logs and a quantity of other material were carried away, no damage was done. He would suggest that the old dam at Alma, Middle River, be removed or a fish-way put in there.

Overseer Robert Sutherland, of River John, says that he has taken every available means at his disposal to obtain correct accounts of all fish caught in his district. There has been no instance of illegal practices brought to his notice. He accounts for the scarcity of salmon from the fact that the dams are without fish-ways, and he wishes that efficient ones may be built there next season.

QUEEN'S COUNTY.

Overseer S. T. N. Sellon, of Liverpool, reports that the line fishery would be very much improved to what it has been in the past, but that a different mode is necessary for a successful catch. Vessels fitted for the work are now being built, and the bounty is giving an impetus to further advance.

Labrador fishing has been a failure, not, says *Mr. Sellon*, because the fish are not scarce, but because our system is like the old Dutch plan—not up to the times. For want of bait, boat fishing has not been remunerative. Herring are as abundant as ever in deep water, but do not come into the bays and harbours as usual. They are a clean fish, and in his opinion keep outside of lobster pots, nets, ropes and filthy garbage used for bait.

After lobster fishing was over, mackerel were abundant, and, although of small size, were of good quality. There can be no question that salmon have been on the increase. This must be patent to every one who will believe what they can see in the ladders, in the river, and in the lakes. The ladders are in good working order, since they have been in use no salmon have been seen under the dams. They

serve as open doors for the fish to pass through on their way to the spawning grounds.

More alewives have been taken and more seen in our river than for many years. It is supposed that many went up when the freshet was high and too strong for dipping. A very great number of young alewives came down, and they were seen below the dams in the harbour and around the docks. The fishery law has been reasonably respected. Lobster fishing is an important and profitable business for many families all around the shores. No extension of time should be given to the fishery on the southern shore of this Province. The Department saw fit several years ago to dispense with the services of a number of wardens for incompetency, and since that time Mr. Sellon has had to do the work, extending from the county line at Lunenburg to Shelburne. The fishery interest has increased in importance in the county, and a willing and interested warden is necessary to aid him in guarding the harbour and river at night. The great increase of American fishing vessels in the harbours requires extra vigilance, that they may be prevented from throwing garbage inside the line allowed.

Overseer John Fitzgerald, of Mill Village, reports an increase in the catch of sea fish—herring, cod, and mackerel—also a small increase in the catch of salmon in the Medway River. The increase in the latter was in the upper reaches of the river, showing that the fish have an unobstructed course. There is good reason for the belief that the long period of easterly winds in April and May had the effect of diminishing the catch of salmon and alewives, and during their continuance scarcely any of either fish were caught, while the catch largely increased after the wind changed. The number of young fish which have come down the river is a gratifying proof that an increase may be looked for in the future. Smelts were very plentiful and sea trout, some of which were very large, are on the increase. There are no artificial fish-ways in any of the dams on the Medway. The mill-owners, as well as the rest of the people, appreciate the value of the fisheries, and vie with each other in efforts for their preservation. Some trouble has arisen between owners of adjoining properties on the Port Medway Harbour as to the rights of fishing berths; but, for the present, the disputes have been amicably settled.

SHELBURNE COUNTY.

Overseer William J. McGill, of Shelburne, reports about the same number of vessels engaged in the fisheries this year as last, but their trips show an increase of 10,181 quintals of cod. A number of fine schooners have been launched this fall intended for bank fishing. The shore fishery has not been very productive, and many boats were unable to claim the bounty, not having taken the necessary quantity of fish. The reason assigned for the failure is the fact that squid have been unusually abundant, and their presence tends to keep other fish off shore. Lobster were as plentiful as usual, and show no signs of exhaustion. An action was entered against one person for taking undersized lobsters, but failed owing to technical objections. Upon hearing of the issue of a second summons, the offender fled and has not since reappeared.

The catch of alewives compares favorably with that of other years, and an increase is reported in Roseway River. The new fishway has proved satisfactory, as a large number of both alewives and salmon were seen passing up. The early fall freshet gave the young alewives a favorable opportunity to return to the sea, and they were well protected. The fish-ways are in good repair, and Warden Holder reports salmon above the Jordan River dam.

Overseer E. S. Goudy, of Barrington, reports that four new vessels were added to the bank fishing fleet in his district during the past year. The bank fishermen returned with full fares, but the total catch of cod, in comparison with that of last year, is less, owing to the small catches in boats on the shore, and low prices offered. Both the mackerel and herring fisheries of the district show considerable improvement.

The new business of shipping lobsters to the United States alive has been tried on quite extensively, and has amounted to about \$14,761. The close season and the law respecting small lobsters have been well observed. Both packers and fishermen are well-satisfied with the present regulations, and desire nothing better.

The only fishway in this district—that at Clyde River—has been kept well opened and has given entire satisfaction. The catch of alewives shows an increase over that of last year.

YARMOUTH COUNTY.

Overseer Enos Gardner, of Tusket, says that the returns have been made from most careful enquiry at the different fishing districts, and are as nearly correct as possible. The amount for home consumption included in the return is about 1,000. The bank and shore fishermen have all made extra large fares this year, and a much larger catch of cod has been made. The return of fish oil is also larger, and the new machinery used for extracting the oil has been found to be a great advantage. The prices for all kinds of fish have ruled low and, notwithstanding the large catch, matters are not so prosperous among fishermen as they have been the last two years.

In regard to river fisheries, alewives show a small increase. The high freshets prevented many from being taken, but they were then the better enabled to ascend head waters. The young fish have come down in large numbers, and Mr. Gardner looks forward for a large increase in this fishery in the future. Salmon fishing was a little better than last year. The fish struck in early and were at first plentiful, but afterwards they became scarce, and there was not again a good run until June. The price was this season low, and the greater part was used for home consumption. In April last Mr. Wilmot brought some ova from the Bedford hatchery and put up a small hatchery, which he left in charge of Warden John A. Hatfield. The ova hatched out successfully and was distributed by the warden in the lakes. Should the official re-stocking of the rivers be continued, Mr. Gardner believes that in a few years the rivers of Yarmouth will be alive with salmon, as in former years. It would be a great advantage to have a permanent hatchery erected on the river. Last year the patent fish-way was put in at Carleton Mills and has given entire satisfaction. The fish ascend readily, and he has no doubt that in a few years the fish will be back in that river, as they were before the erection of the dam. Parties at Carleton say that quite a number of young fish came down in the fall. The new ladder put in at the grist mill, Kemptville, he inspected with Warden Hatfield shortly after it was finished, and it appeared to him to be thoroughly and substantially built, and, as the river, will no doubt give a good passage for fish. As the rivers are now comparatively free from obstructions, Mr. Gardner can see no reason why the fish should not largely increase.

The lobster fishing was prosecuted with energy and large quantities were taken. The prices for live lobsters in the United States was low and business was not, therefore, as profitable as in past years. The factories put up a much larger quantity than last year. The regulations were strictly observed throughout this county. It is the opinion of many intelligent fishermen, and Mr. Gardner agrees with them, that July and August should be a close time for lobster fishing, as a large proportion are soft and unfit for food.

The shingle machine owners at Carleton have kept their sawdust from drifting to the river, and burnt it. The other mills, however, still continue to allow it to drift in, and in time the lake will be filled, unless a stop is put to it. Of the four mackerel traps in this district, two were successful, the others not. The large catch of cod is, however, attributed to the traps, they giving a good supply of bait. The experiment of catching mackerel by a floating trap net was tried, but owing to the long tides, proved unsuccessful.

Overseer George H. Robertson, of Yarmouth, reports that the past season has proved a good one for trap nets, nearly all having taken a fair quantity of mackerel.

Herrings were plentiful, but owing to the large number of what are called dog fish, which destroy the nets, it was almost impossible to catch them. The net regulation has been generally well observed, but it will be difficult to enforce it unless penalty is fixed in case of violation. Shad have been scarce, and the catch was much smaller than that of last year. The bank fishermen have all had full fares, but owing to low prices the business has not been very remunerative. Lobsters have been plentiful, and the close season has been well observed. If the fishermen were allowed to catch lobsters in the months of February and March it would be a great benefit to them and no injury to the fisheries. Lobsters caught in fall and spring are better for food and bring a higher price than those caught in July and August.

CUMBERLAND COUNTY.

Overseer Robert Goodwin, of Baie Verte, N. B., who has a portion of the above county under his charge, reports that after the ice left the bay, in April, herrings were quite plentiful and good catches were made. The ice, however, returned and carried away quite a number of nets. The catch was, on the whole, good, notwithstanding, and the quality of the fish excellent. Mackerel were plentiful and of good quality, but they are not fished for energetically. There is a small lobster factory in his district, which did a good business, and preparations are being made to extend this branch of the fisheries next year. A discovery of a bass fishery was made in Tidnish River last winter under peculiar circumstances. About the middle of January two nets were put in the river for smelts, when, much to the surprise of all, a large catch of bass was made—a thing never before known there. A large net was used and during two weeks it was with the greatest difficulty that wholesale slaughter was prevented. Over thirty tons of these valuable fish were taken in that small stream. They found ready sale in both Provinces, and many were shipped to Boston at good prices. As the season advanced, the bass seemed to move down stream and finally disappeared. The last were taken in March.

CAPE BRETON.

REPORT OF A. C. BERTRAM, ESQ., FISHERY OFFICER, ON THE FISHERIES OF CAPE BRETON ISLAND.

NORTH SYDNEY, C.B., 31st December, 1884.

Hon. A. W. McLELAN,
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith the first annual report of the fisheries of the island of Cape Breton—embracing the four counties of Cape Breton, Richmond, Inverness and Victoria, as forming a distinct district from that of Nova Scotia proper—for the calendar year ending this date.

It will be observed, from the tabulated statements following, that the aggregate quantity and value of the fish caught on the coast and inland waters of the island for the year 1884, exceed those for the year 1883. The increase in quantities of the leading branches prosecuted were: Salmon, over 35 per cent.; alewives, 90 per cent.; herring, 45 per cent.; codfish, about 4·25 per cent.; haddock, over 45 per cent.; and the total increase in the value of the catch of all kinds was \$153,612.

COMPARATIVE STATEMENT of the product of the Fisheries in the Island of Cape Breton,
for the Years 1884 and 1883 respectively.

Kinds of Fish.	Catch in 1884.	Catch in 1883.	Increase.	Decrease.
non..... Lbs.	146,400	109,072	37,328	
fish..... Qntrs.	133,609	128,109	5,500	
dock..... "	39,750	27,506	12,244	
ring..... Brls.	57,263	39,418	17,845	
wives..... "	2,801	1,503	1,298	
d..... "	52	20	32	
kerel..... "	26,172	25,757	415	
sters..... Cans	619,069	525,099	93,970	
sters..... Brls.	700	503	197	
ibut..... Lbs.	21,060	16,870	4,190	
..... "	400	700		300
it..... "	37,150	58,500		21,350
ts..... "	58,200	69,600		11,400
..... Brls.	1,029			
bait..... "	8,746			
oil..... "	60,911			
guano..... Tons.	77			

Of the increases above noted, the chief portions have been realized from the fisheries of the counties of Cape Breton and Richmond.

The total value of the fish product for 1884 was \$1,421,787, and the capital invested in vessels, boats, nets and all floating material, was \$5,325,390.

GENERAL REMARKS ON THE SEVERAL FISHERIES—SEINE FISHING—
FISHING BY FOREIGNERS—TRANSPORT OF FISH—BRAS D'OR
LAKE FISHERIES, &c., &c.

SALMON.

The marked increase in the catch of this fish, for the year 1884, whilst gratifying, not owing to any circumstances, either extraordinary or accidental; on the contrary, reasons hereinafter mentioned, there is good reason for believing that this most valuable branch of fishery will go on to develop into much larger proportions than at present for many successive years yet to come. One or two localities which experienced a falling off in the catch of the year owe the misfortune to merely temporary local causes, not likely to prove a permanent injury.

COD AND HADDOCK.

These continue to yield about 50 per cent. of the total yield, in value, of the fishery product of the island. This branch of fishery is very prolific on the Cape Breton coast, and with more energy than at present exercised by the resident fishermen, this invaluable industry is capable of a development manifold its present product.

HERRING.

The gratifying increase for the year just closed in the herring fishery over the product of the previous year, was profitable beyond the ordinary *pro rata* market

value of the increased quantity. The signal failure of this fishery on the coast of Labrador and adjacent shores gave rise to a demand for Cape Breton herring, in Montreal and other markets which used to be supplied from Labrador and the Newfoundland shores. This foothold in new markets is quite likely to be, to a certain extent retained by the Cape Breton product, owing to its superior quality. The herring caught around the entire coast is of a superior quality, but there occurs "a run" of herring along the eastern coast, in the month of July, which for quality and size is said to be unequalled among all known herring fisheries. The remarks already made in reference to the possible further development of the cod and haddock fisheries apply with equal force to herring fishery, and if Cape Breton fishermen persevere in the care and honesty they have hitherto exercised in the curing, packing and grading of their herring, they are tolerably sure not only to retain the entrance they gained last year in new markets, but will also make their herring the most generally enquired after, wherever such are bought for local consumption.

ALEWIVES.

The quantity of this early spring fish actually caught is not fully represented in the foregoing table—much more being actually caught than is there represented. It is, indeed, impossible to obtain more than fairly approximate returns of the actual quantity caught, because, first, they are retailed to consumers directly out of the weirs, fresh, where taken, and after they ascend the streams considerable numbers are taken in small quantities not accounted for. Secondly, they are caught and purchased for the purposes of bait only, and are not salted down to any extent, except for export, not being so much in favor for domestic consumption as most of the other species referred to. They ascend the rivers from the sea in early spring, as soon as the ice moves from off the shores, frequently to long distances, before reaching the spawning resorts, where they remain unmolested until autumn, at which time they return seawards, in vast numbers, and although at this time unfit for food, serve an important use to the fishermen, by attracting landwards into bays and estuaries vast schools of mackerel which prey upon them.

SHAD.

The shad fishery has hitherto been almost entirely overlooked by Cape Breton fishermen, who seem to have regarded it as something that did not exist in sufficient quantity to warrant giving it special attention. A closer investigation shows this opinion to be utterly fallacious, and that this valuable and favorite fish does frequent certain localities in such numbers as to warrant a closer attention to the catching of it. This new branch of fishing will, doubtless, be henceforward stimulated into much greater activity than in the past, owing to the remunerative prices it readily commands. The increase in the catch for the year just closed, over that of the previous year, although but slight—20 barrels—is the more hopeful from the fact that Cape Breton County stands almost alone in any effort at an experiment in this direction, as of the 52 barrels enumerated in the preceding table, 47 barrels were secured in this county. The fact is now realized that this valuable fish visits the shores of this island in several localities and in large quantities, so that, owing to the superior inducements referred to, there is good reason for believing that the fishing of this species will, at no distant day, make an important addition to the general income derived from the fishing industry of the island.

MACKEREL.

The run of mackerel all around the coast was, in general, plentiful, and in some localities extraordinary in abundance. Notwithstanding this, the catch made by the fishermen resident on our own shores was not at all in proportion to what might have been expected from the general abundance of the fish; in fact, it fell short of the catch of some years in which mackerel were, apparently, much less abundant.

The shortage of this year was owing almost solely to a phenomenon long known to fishermen, viz., that there are times when these fish are met with in vast schools, yet will not take bait. Cape Breton fishermen, who prosecute this fishery mainly with hook and line, felt, this year, the full force of the phenomenal circumstance referred to, as it was widely characteristic of the mackerel fishery of the year, and the consequence has been a very much more diminished catch than might otherwise be reasonably expected.

The United States fishermen, who now prosecute this fishery chiefly by seining, derived the full advantage of the abundance of fish, and made large and remunerative catches on the shores of Cape Breton. This seining by the fishermen of the United States, which proved to them so prolific of rich fares, was prosecuted almost entirely inside the headlands and within the bays of the coast, i.e., the three-mile limits; yet it is a fact capable of proof that they had private instructions from home to report, on their arrival there, in their own ports, that their cargoes were taken entirely outside of the three-mile limit. Such an unworthy resort as this, to endeavor to mislead the public in reference to the value of our shore fisheries to them, would be almost incredible, was not the information derived from unmistakably reliable sources.

A circumstance very greatly enhancing the convenience and dispatch for the export of fish from the shores of this island has arisen within the last two years, and which has largely increased the length of time for which United States vessels can remain on the coast of Cape Breton during the fishing season, and thereby securing them larger catches than they possibly could before. This will be referred to hereinafter, under the head of "Means of Export."

LOBSTERS.

The fishing and canning of lobsters is a branch of industry now assuming large proportions in the commerce of the island fisheries. The factories engaged in this business in Cape Breton are placed under serious disadvantages, on account of the date of the close season, as compared with similar industries on the south and western sea-boards of Nova Scotia proper. This comparative disadvantage arises from the late date of the spring season at which the drift ice is found on the eastern, northern and western shores of Cape Breton Island. This is the last coast which the ice, going down the Gulf of St. Lawrence and from the western part of the Straits of Belle Isle, touches upon in southern-bound course, before being caught by the Gulf stream, and sometimes it is found lingering on this coast as late as the 1st of June. Consequently, these waters are at so low a temperature that lobsters do not make their appearance near the shores until some time after the last ice has passed away, so that in the most favorable seasons there is no catch of this fish before the 1st of June, but frequently much later. The present legal period for lobster fishing is from the 1st of May to the 1st of August, which, however well adapted to the prevailing circumstances on the southern and western shores of Nova Scotia, where operations can be begun as early as the 1st of May, and where, from the earlier warming up of the waters, the lobster spawning season commences as early as the 1st of August, and the fish then becomes worthless, the later period at which lobsters appear or can be caught on the coast of Cape Breton, gives a correspondingly later date at which they are found in suitable condition for canning, and here they are found in prime condition on the 1st of August, when the present legal date for the close season commences. By the present uniform date for the close season extending to all the Provinces, the lobster canning round the coast of Cape Breton is deprived of a full month's less privilege than similar industries in other parts of the Province. I respectfully submit that the close season for lobster fishing might, with very much advantage to those engaged in the business, and with no injury to the fishing itself, be extended to, at least, the 21st of August, and I venture to recommend that the "close season" for the shores of Cape Breton Island be extended accordingly.

SEINE FISHING.

This injurious method of catching fish is monopolized almost entirely by the fishermen of the United States fishing on the coast of Cape Breton, and is strongly protested against by the resident fishermen on the coast, as being very destructive of fish. This is undoubtedly too true. By this method a school of fish is enclosed that would make, say, 200 barrels, if all taken in and cured, but instead of this the fish taken are culled, and all fish too small to furnish the required grade are thrown over into the sea again, dead, and the result is, that probably no more than 50 barrels are retained out of the 200 barrel bulk, thus killing 400 fish for every 100 preserved. This is an enormous waste of fish. The evil is further aggravated from this seining being done, almost solely, inside the headlands, within the calm waters of the bays and harbours, so that this quantity of dead fish, together with the offals cleaned from those retained, are thrown upon the bottom, thereby polluting the fishing grounds and, in consequence, the fish are scared away to seek purer waters and cleaner pastures. This, with the devastating destruction of young and undeveloped fish is an evil the effects of which are already alarming, but which will be felt more severely with the lapse of time, in the inevitable depletion of fish that must follow. This application of seining to codfish and mackerel—"trapping," as it is familiarly called—is a matter well worthy of some practical legislation, with a view to staying the evil.

THE COAST LINE OF CAPE BRETON IN RELATION TO FISHERIES.

The coast line surrounding the entire Island of Cape Breton is unsurpassed for the abundance, variety and excellent qualities of its fishery production, whilst one stretch of it, viz., that portion commencing with the harbour of Louisburg, on the south, thence around to the east, and northwards to Cape North, on Bay St. Lawrence, is pronounced, by parties having personal experience of fisheries on both sides of the Atlantic, to be unequalled in Europe or America. Not only do the varieties of fish most valued in commerce swarm around the headlands, but strike far inland to the head waters of the large bays and harbours for which this stretch of coast is physically remarkable. Besides this, there lie at short distances from the headlands, seawards, numerous banks, at all times prolific in the largest and heaviest varieties of fish most valued for export. It is only on this section of the coast that the large "July herring," referred to in the preceding remarks on the herring fishery, are found. Numerous indentations, forming coves, bays and harbours, extending far inland, give the island an extraordinary length of coast line in comparison with its area, and all these inland waters, without exception, abound in varieties of fish.

STREAMS.

The rivers of Cape Breton are somewhat numerous, but, as might be expected, comparatively small, with the exception of two—the Mira, on the south, and the Margaree, on the north, both of which are considerable rivers compared with the average of rivers in Nova Scotia. The Mira is classed as the second river in the Province, and abounds in fish throughout its entire length. It is in the large and beautiful estuary of this river, or rather Mira Bay, that the best shad fishing on the coast is found. Whilst it affords, in some parts, good angling, the Margaree is regarded as the angler's paradise for trout and salmon fishing. All the streams are visited by such fish as nature prompts to seek an annual change of residence from salt water to fresh. The fish visiting all these streams are very much less in number than at an earlier period, and those which have most declined, in other words, have come nearest to extinction, are the salmon and the large speckled sea-trout. The former of these is in a fair way of having its numbers amply restored, through the instrumentality of the fish hatchery. Thus far no artificial means have been called to aid recuperating the trout fisheries; hence the greater necessity for increased con-

nuous vigilance against pot fishers and poachers, in their mischievous practice of setting and spearing this fish, as well as salmon, within the narrow precincts of the rivers, and after the fish have ascended to and settled in their favorite pools for spawning. It must be said that there is a growing intelligence among the people of most localities as to the necessity for abstaining from a wholesale and cruel slaughter of the parent fish in the spawning pools. One locality, however, yet occupies an unenviable notoriety in respect to wanton and illegal fishing by nets and weirs.

In some cases there are partial obstructions to the ascent of fish, from mill-dams, and refuse from mills improperly thrown into the water. The latter is now the more special evil, inasmuch as fish are lovers of pure water, and they invariably forsake waters rendered disagreeable to them by the deposit of foreign matter, such as saw-wood, &c., &c.

Serious obstructions have occurred in a few streams from the torrent rush of the swollen waters in times of sudden freshets, by which trees, rocks, &c., are borne down, forming "jams" to form, of sufficient material to turn the stream aside from its original channel and force it over such places as form into bars and shoals. These are serious impediments and are immediately followed by a diminished catch in the net fishery of the estuary and its vicinity, of such varieties as were wont to ascend the stream. Small expenditure in removing these obstructions, so as to restore these streams to their original course, and in generally restoring the channels to their former depth, would, in a very short time, prove to be a profitable public investment.

FACILITIES FOR FISH TRANSPORT.

Hitherto our island fishermen have had no facilities for moving their fish to market, except by sea, and this had to be effected within the navigation season, and however much overstocked the markets might be, they were compelled to ship before the close of navigation. Within the last two years a partial relief to these temporary conditions has come in, by a small ratio of their fish finding an opportunity of getting to market over the Eastern Extension Railway and thence over the Intercolonial Railway. This relief, however, has been chiefly useful only by its enabling exporters to reach a given market or fill a direct order on time, without having to wait for shipping, not always available at short notice. But this benefit is, however, dependent on navigation, as the fish has, in most cases, considerable distances to transport before reaching the railway terminus at Port Mulgrave, and can at present reach there by the aid of navigation only.

It is my desire, in this connection, to direct attention to the fact that the fishermen of the United States have thus far been the greater gainers by this new outlet. The case of a vessel from a United States port fishing on the coast of Cape Breton, eastern Nova Scotia, when her fare is completed there may yet be a most valuable portion of the fishing season to lapse; but return home, to unload and deliver cargo, means the loss, probably, of the whole of the remainder of the fishing season. Particularly is this the case with the fall mackerel fishery. Hence, the masters and owners of these vessels have found that it is very much better to unload at the railway terminus of Port Mulgrave and forward their fish by rail, home to the United States, as another full fare is likely to be secured within the time that it would take such vessels to make the voyage home to Gloucester, Portland or Boston, to load and return to the fishing grounds. Thus by connecting with the railway at Port Mulgrave station, or the Boston weekly line of steamers calling at Port Hawkesbury, the value of our fisheries is tripled to United States fishermen, as compared with the necessity making the run home to discharge cargo. That this is likely to be largely utilized by them is confirmed by the following statement, showing a vast increase by railway carriage of fish over the Eastern Extension in 1884, compared within 1883 which may be called the initiative year of this system.

STATEMENT of fish forwarded *via* the Eastern Extension Railway, from Mulgrave Station to United States and Markets of Canada, for 1883 and 1884.

	To United States Ports.		To points in Canada.	
	1883.	1884.	1883.	1884.
Pickled fish..... Brls.	510	13,762	1,250	6,552
Salmon, frozen, in boxes Tons.	10	20	.....	.....
Dried fish, in bundles and boxes..... “	.....	20	.....	30

The Boston line of steamers which calls weekly at Port Hawkesbury carry very much more of this freight to Boston, &c., than is forwarded by railway. I applied to the agent for this steamship line at Port Hawkesbury, but could not obtain the figures; but, from observation, the quantity is known to be in excess of that shipped at Mulgrave station. In the above table the quantities sent “to United States ports” consist entirely of fish forwarded “home” by United States fishing vessels. That indicated “to points in Canada” are the quantities forwarded by our own fishermen.

BRAS D’OR LAKE FISHERIES.

The important inland sea designated as the Great Bras d’Or Lake, intersecting Cape Breton Island from end to end, with its numerous bays and inlets, forms a large and important fishing area. Its waters abound, at all seasons, with cod, herring, trout, smelt and eels, which make these waters their permanent home. Besides these, it is visited by migrations of mackerel and salmon in summer and autumn. This arm of the ocean being so closely land-locked, very little drift ice finds its way in, and then only for very short distances. The great value of this fishing ground lies in the exceptional fact that the fish named, which reside in it permanently, is that all of these species are found present in their prime condition in the winter season, and are caught to any desired extent through the smooth native ice, although, as yet, no more are sought after than can find ready sale in the home consumption of the island; a market too limited to develop this fishery into a large trade.

When, however, the contemplated railway from the Strait of Canso to Sydney or Louisburg will, as expected, pass along the line of a considerable portion of this lake shore, it cannot fail to develop an immense trade in frozen fish for the supply of western Canada as well as to markets in the United States.

Annexed hereto are the tabulated returns from the several fishery overseers on the Island of Cape Breton, which show the extent of the fisheries, kinds, value, &c., &c., for the respective districts, in detail.

I have the honor to be, Sir,

Your obedient servant,

A. C. BERTRAM,

Fishery Officer for Cape Breton.

SYNOPSIS OF FISHERY OVERSEERS' REPORTS.

COUNTY OF CAPE BRETON.

Overseer Francis Quinan, of Sydney, reports an increase in the catch of salmon, alewives, shad, halibut and oysters, in his district. Had the people been prepared for the shad and alewives, the catch would have been much larger, as those kinds of fish had not frequented, in any great numbers, his district in former years. Their appearance this season in large numbers took the fishermen by surprise, and found them unprepared. Herring were very scarce. There is a good deal of superstition amongst fishermen in consequence of the non-appearance of herring on our coast during the last two years, but this is owing to the fact that those fish are intercepted on their way to our coast, and those that reach our shores are now pursued by over double the number of boats and vessels that were in the business a few years ago. In this district there is but one fish-ladder, which is located at Grand Lake. It is a good ladder and has served its purpose well since it was placed in that river, five years ago. Some of the rivers in his district are filling up with *debris* caused by heavy fall and spring freshets, and he recommends that a sum of money be expended in cleaning the principal rivers.

Overseer Alexander McDonald, of East Bay, reports an increase in the catch of codfish and mackerel in his district over that of last year. Codfish were very plentiful during the season, and considerable more could have been caught were it not for the scarcity of bait. The fishermen depend chiefly on capelin for bait during the month of July, as it is the best bait they can use during that month. Capelin, however, did not approach the shores in such large quantities as formerly, and, as a consequence, the scarcity was much felt by fishermen. He regrets to report a large falling off in the catch of herring in his district. Many of the fishermen fitted out extensively for the latter fishery, but did comparatively nothing. The catch of salmon is about the same as last year. There is not as many people engaged in the salmon fishery in his district as formerly, owing to the scarcity of these fish of late years. Fishermen, as a general thing, now give more attention to the prosecution of the cod and mackerel fishery, as they find the latter to be more remunerative than the former. He reports an increase in the catch of alewives in his district. Lobsters were very plentiful during the season, and the two canning factories in his district did well. There is now a new lobster factory in course of erection, and will be ready for operation next spring. There were no violation of the law in his district during the year.

Overseer Y. A. W. Barrington, of Sydney Mines, reports an increase in the catch of cod in his district, and a slight falling off in the catch of herring. He reports the halibut fishery a failure, and cannot give any practical reason for the scarcity of these fish. The catch of salmon was much larger than last year. The first lobster factory in his district began operations last season, and was quite successful. Owing to drift ice, canning cannot commence before the second week in May, which makes the season very short. He recommends an extension of the close season.

INVERNESS COUNTY.

Overseer D. F. McLean, of Port Hood, reports an increase in the following branches of the fisheries in the district under his supervision during the year closed, viz:—Salmon, herring, eels and oysters, and a decrease in the following branches, viz:—Mackerel, codfish, alewives, hake, haddock, trout and smelts, making a total decrease in the value of our fisheries of \$25,061.80, as compared with the year 1883. The cause which led to the falling off in the different branches of the fishery named are unaccountable, even to the most scientific enquirer. For instance, fishermen and fish dealers in this district contend that codfish was as abundant as last year on the coast, but they would not take bait. The same assertion is made in reference to mackerel. The prosecution of the fishery was fully as vigorous as during the past and preceding years, but prices were less remunerative.

The principal abuse which exists on our shores is fishing mackerel and herring with seines. This mode of fishing proves very injurious to our fisheries, and in consequence thereof a large number of young fish is destroyed every year by vessels which frequent this coast for the purpose of catching fish in no other manner than with seines. He strongly recommends that a law be enacted to prevent this abuse in future; otherwise, in a few years our mackerel fishery particularly will be completely exhausted. The close season has been well observed in this division of Inverness County. The total value of the fisheries in the various districts stated in the annual report herewith, according to the most reliable statistics which he could obtain, amounts to \$217,945.45. Of this amount he has valued the quantity entered for home consumption at \$36,500. The lobster fishery was about the same as last year, the returns showing a very slight decrease. The lobster canning establishment on Port Hood island was opened on the 19th day of May and closed on the 11th day of August, and the one at Mabou Harbour commenced operations on the 24th day of May and closed on the 23rd day of July, 1884. In the former 44 hands were employed, besides fishermen; 32 boats and 4,000 traps were used—and 106,372 one-pound cans were put up. The price paid for lobsters was 55 cents for 100 lbs. At the latter (Mabou Harbor) 28 hands were employed, besides fishermen; 13 boats and 1,600 traps were used, and 34,147 one-pound cans put up. The price paid was 50 cents for 100 lobsters. All right-thinking men concur in the opinion that the fishing bounty granted by the Government of the Dominion is a wise and just provision, and it is to be hoped that, in the interest of the fishermen of the Maritime Provinces, the grant will be continued from year to year. The beneficial results of the money so paid are noticeable in every fishing community.

Overseer James Coady, of South-West Margaree, reports that his statistics show a decrease, compared with that of last year, chiefly due to a large falling off in the catch of cod and haddock. This he attributes to two causes—first, not being so vigorously prosecuted on account of the small price obtained; secondly, the weather being unusually stormy, fishermen had not as much success in prosecuting their avocations, yet they all admit that fish were plentiful on the coast.

There is a small falling off in the catch of mackerel, while herring show an increase over last year of 500 barrels. Salmon fishing on the coast was the best for the past ten years, but these fish were scarce in the river the first part of the season; afterwards they came in the rivers very plentiful. From the last of July to the first of November the rivers were well stocked with fish. There is an increase of over 1,000 barrels in the catch of alewives; trout also have been very plentiful. Poaching is yet practised to a small extent. We had much trouble the first part of the close season with a gang of masked poachers, but finally succeeded in taking and destroying some of their boats. This prevented further poaching during the season. The value of fish used for home consumption is estimated at \$18,250.

Overseer David Ross, of North-East Margaree, reports that the general catch of fish for his district is below the average, owing to the unfavourable state of the weather, especially during the latter part of the season. The catch of herring during the month of September was unusually large, surpassing that for a number of years. The close season was strictly observed. The salmon spawning grounds were never more frequented by the parent fish. There were 210 salmon taken from the Margaree River for spawning purposes for the Sydney hatchery. The parent fish were afterwards returned to their native element. The value of fish used for home consumption is estimated at \$28,000.

RICHMOND COUNTY.

Overseer D. Cameron, of St. Peter's, reports in his district a very decided improvement this year over that of last year, there being a large increase in the catch of every kind of fish caught on this shore—the fishing of cod, haddock and herring being attended with remarkably good results, the catch being nearly double that of

last year. The following is a comparative statement of the yield of fish in his division for the year 1883 and 1884 :

Kinds of Fish.		1883.	1884.	Increase.
Salmon.....	Bbls	25	37	12
Mackerel.....	"	4,948	6,511	1,563
Herring.....	"	3,877	8,843	4,966
Alewives.....	"	53	111	58
Codfish.....	Cwt	10,907	14,803	3,896
Haddock.....	"	3,153	14,700	11,547
Lobster cans.....	"	62,000	78,000	16,000

Large as is the quantity of fish caught this year over that of last year, it would have been much larger had it not been for the roughness of the weather during a part of the fishing season, as gales of wind were so successive that fishermen were unable for many days to go to the fishing grounds. Fish have been very plentiful this season, and the fishing bounty has stimulated fishermen to greater exertion and perseverance in their occupation; hence the large catch. The number of lobster cans would have been greater, had it not been that the supply was poor, owing to the prevalence of high winds during a part of the season. He has no abuses to report, as the law has been strictly complied with. Fair prices have been realized for pickled fish; and although prices for dry cod have been low, yet the large increase in quantity more than makes up for the low prices. Fishermen in this district have never been in better circumstances than they are this year.

Overseer Francis Marneau, of Arichat, reports a most prosperous season for fishermen generally, and a decided improvement over last year in the catch of the principal fish. A most gratifying increase is shown in the catch of codfish and herring. He thinks that the fisheries in his district will be prosecuted more vigorously next season than any previous year, as a large number of nets are being made and boats built for next season's operations. The fishing bounty given to the fishermen by the present Government proves a valuable boon to fishermen; and he attributes the increased energy now being put forward in his district to the bounty. The fishery laws have been so well observed, that he has no violation to report.

VICTORIA COUNTY.

Overseer D. McRae, of Baddeck, is pleased to report an increase over last year's catch of all kinds of fish in his district. Herring were very plentiful during the month of July. About the first of August codfish were in great abundance, and the fishermen did well. The bounty had the effect of stimulating the fishermen on to the more vigorous prosecution of their calling. He reports that the rivers in his district have been carefully protected, although there was a disposition, on the part of certain parties to violate the law.

Overseer Malcolm McIntosh, of Aspy Bay, reports an increase in his district of 2,000 quintals of codfish over the catch of last year. The catch of salmon doubled that of 1883. The herring catch exceeded that of last year, but the catch of mackerel was smaller. Fishermen are of the opinion that both the herring and salmon fishery are ruled by prevailing summer winds. Fishermen also contend that mackerel have been driven off the coast by American seiners in the months of August, September and October. The season was very boisterous in comparison with former years; nevertheless, the fishermen did fairly well. The season for lobster canning is too short, as the drift of ice which blocks the coast until the middle of May prevents the catching of lobsters before that date. The close season was well observed throughout the district. Two new fish-ways were erected on Middle Harbour River, where two new grist mills are in operation. The dispute which arose in the early part of the season between local fishermen and seining crews was settled, and since peace and quietness prevail.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in and the Total Number of Men employed, &c., in the

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.				KINDS			
	Vessels.			Boats.			Nets.		Weirs.		Salmon, fresh, in ice, lbs.	Mackerel, barrels.	Herring, barrels.	Herring, smoked, in boxes.
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	Fathoms.	Value.	No.	Value.			
<i>Annapolis.</i>			\$			\$			\$	\$				
Margaretville and Port George.....					88	1644	176	23430	5080	2	400	1000	6000	8000
Port Lorne and Chute's Cove.....	3	45	1500	12	50	1025	90	9000	4500				4000	
Phiney and Parker's Coves.....	4	60	2400		71	1420	142	5520	2750				10000	
Hudson, Delap and Gut Stations.....	8	160	5000	40	60	1200	120	4000	2000				1500	
Annapolis Basin.....					30	600	60	2000	1000	9	1000			30000
South Basin.....	4	61	3000	18	30	150	60	3000	1500	15	2500			22000
Lequill River.....												936		
Totals.....	19	326	11900	70	329	6039	648	46950	16830	26	3900	1936	21500	60000
<i>Antigonish.</i>														
Arisaig.....					65	800	140	4600	7000			14000	180	120
Morristown.....					60	950	125	4300	7600			18100	300	250
Antigonish.....					30	380	50	3400	6000			17000	110	50
Tracadie.....					52	960	125	2500	6500			9500	1000	600
Totals.....					207	3096	440	15800	27100			58600	1590	1020

* Home Consumption—

Herring,	200,000 lbs., at 4c.....	\$8,000
Alewives,	2,000 do 4c.....	80
Cod,	2,000 do 4c.....	80
Hake and Haddock,	200,000 do 4c.....	8,000
Bass,	500 do 6c.....	30
Trout,	1,000 do 6c.....	60
Lobsters,	4,000 do 4c.....	160

\$16,410

fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish,

ince of Nova Scotia, for the Year 1884.

SH.											FISH PRODUCTS.			VALUE.	
Cod, cwt.	Pollack, cwt.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Bass, lbs.	Trout, lbs.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish used as bait, barrels.	Fish used as manure, barrels.	\$	cts.
100	150	175	250	6000	.....	.....	.....	.....	.....	.....	275	10	100	28,798	75
200	100	400	300	4000	.....	.....	.....	.....	.....	.....	700	20	200	19,465	00
000	500	1500	1500	40000	.....	.....	.....	.....	.....	.....	3000	100	200	57,300	00
000	1000	500	1000	30000	.....	.....	.....	.....	.....	.....	1250	200	500	20,812	50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3500	.....	.....	9,775	00
200	1500	100	2000	10000	.....	.....	.....	.....	.....	.....	.....	800	1000	20,600	00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	211	20
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	* 16,410	00
500	3250	2675	5050	90000	.....	.....	.....	.....	.....	.....	8725	1130	2000	173,372	45
.....
80	.....	1200	570	.....	1200	.....	3500	.....	.....	130000	200	350	.....	29,117	00
300	.....	1650	1100	.....	1000	.....	3000	.....	.....	50000	350	300	.....	23,862	50
30	.....	300	120	.....	3000	5000	8000	200	45	.....	95	15	.....	8,583	25
250	.....	500	500	.....	.....	3000	4000	150	250	100800	225	350	.....	36,548	75
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	† 11,250	00
660	.....	3650	2290	.....	5200	8000	18500	350	295	280800	870	1015	.....	109,361	50

† Home Consumption—

Salmon, fresh,

3,000 lbs., at 15c.....

\$ 450

Cod do

50,000 do 4c.....

2,000

Hake do

70,000 do 4c.....

2,800

Alewives do

75,000 do 4c.....

3,000

Herring do

75,000 do 4c.....

3,000

\$11,250

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.				Salmon, fresh, in ice, lbs.	Mackerel, barrels.
	Vessels.				Boats.		Net.		Weirs.			
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.	No.	Value.		
<i>Colchester.</i>			\$			\$		\$		\$		
Mass Town.....					9	315	18	2700	540			3525
Little Dyke.....					10	350	20	3000	600			1700
Great Village.....					2	80	4	600	120			500
Great Village Point.....					5	150	10	1500	250			1250
Highland Village.....					6	200	12	1800	360			1500
Portapique.....					2	80	4	700	120	2	400	900
Five Houses.....					6	260	14	2100	340	2	500	1500
Birch Hill.....					3	95	8	900	150	2	600	250
Bass River.....					6	210	12	2000	350	1	250	1400
Little Bass River.....					6	240	13	2325	375	1	150	1000
Upper Economy.....					17	650	38	5950	1350	3	1209	6000
Central Economy.....					4	120	13	1200	250	5	2000	500
Economy Point.....							6			6	3000	
Lower Economy.....							3			3	300	
Five Islands.....					5	150	12	150		3	500	200
Lower Stewiacke.....					8	40	8	64	48			700
Forrest Glen.....					3	15	3	24	18			140
Middle Stewiacke.....					4	20	4	28	20			70
Stirling.....					2	40	2	250	100		120	10
<i>Clifton</i>					3	90	6	450	200			270
Black Rock.....					3	130	6	950	350			320
Princeport.....					3	75	6	600	250			175
Totals.....					107	3310	222	27041	5941	28	8900	22020
<i>Cumberland.</i>												
Tidnish.....					10	100	25	500	200			80
Pugwash and River Philip....	1	32	1200	4	5	75	12	200	250			2200
Wallace.....					26	650	50	300	150			10
La Planche River.....					5	100	10	400	300			
Nappan River.....												
Minudie.....								500	350			
Apple River.....					2	60	6	100	60			
Advocate Harbour and Eatonville.....					7	150	18	400	275	2	80	
Spencer's Island and Port Grenville.....					11	330	33	300	200	3	100	
Parrsboro'.....					5	100	10	80	50	2	70	
Two Islands.....										4	100	
Totals.....	1	32	1200	4	71	1565	164	2780	1835	11	350	2200

Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KIND OF FISH.													FISH PRODUCTS.		VALUE.
Alewives, barrels.	Cod, cwt.	Pollack, cwt.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish used as bait, barrels.	Fish used as manure, barrels.	
					39										\$ cts.
					59										1,017 00
					20										812 00
					50										260 00
					80										650 00
					52			3000							940 00
					65										776 00
					30										820 00
					60										290 00
					75										760 00
					165		1000								800 00
	20				69		200								2,620 00
					97										854 00
	20		10		28										876 00
	80		20		20		800					10			553 00
					1	100	500	4000				45			787 25
					2	12	400								424 00
							200								68 72
20								10000		50			20		28 00
Consumption—Shad, fresh, 90,631 lbs., at 4cts. ; Salmon, fresh, 3,075 lbs., at 15cts															1,105 25
Consumption—Shad, fresh, 90,631 lbs., at 4cts. ; Salmon, fresh, 3,075 lbs., at 15cts															4,086 49
1					18										202 00
6					21										256 00
1					15										159 00
28	120		30		966	112	3100	17000		50		55	20		19,142 71
200						70000		2000			21500		20		10,165 00
500					5	3000	1200	1500	40	300	2200				4,812 00
300								10000		250	195550		50		32,432 50
					30										240 00
					33										264 00
					800										6,400 00
															168 00
	220		100									50	10		4,527 50
	150	30	150	1200								60	15		4,193 50
	50	20	50	600								12	5		906 30
	30		40	700								10	5		721 00
Consumption—Alewives, 19,300 lbs., at 4cts. ; Shad, 3,000 lbs., at 4cts. ; Lobsters, 400 lbs., at 4cts.															908 00
1000	450	50	340	2500	868	73000	1200	13500	40	550	219250	132	105		65,737 80

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.						
	Vessels.				Boats.		Nets.		Weirs		Salmon, fresh, in ice, lbs.	Mackerel, barrels.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.	No.	Value.			
<i>Digby.</i>			\$			\$		\$	\$				
Digby	20	360	14000	160	10	400	20	1800	800	12	240	.....	715
Broad Cove to Caldwell's Cove .....	...	...	...	...	18	700	36	540	360	...	...	.....	150
Gulliver's Cove .....	...	...	...	...	20	750	40	580	400	...	...	.....	100
Shelving Cove .....	...	...	...	...	14	600	28	320	290	...	...	.....	90
Centreville.....	1	20	600	7	38	1500	76	1000	740	...	...	.....	400
Sandy Cove to Mink Cove	1	18	460	6	16	560	38	350	375	1	200	5000	500
Little River to Petite.....	1	20	370	8	45	1560	95	1160	795	...	...	.....	600
Weymouth to White's Cove .....	...	...	...	...	35	1400	70	910	700	...	...	.....	2000
Church Point.....	...	...	...	...	15	550	30	340	300	...	...	.....	800
Meteghan.....	...	...	...	...	9	380	18	275	265	...	...	.....	550
Salmon River to Cape St. Mary's	13	260	8200	95	16	560	32	390	380	...	...	.....	600
Head St. Mary's Bay .....	...	...	...	...	6	160	10	150	200	3	600	.....	5000
Westport.....	30	602	25000	220	40	1600	120	10000	7500	1	2500	.....	1000
Freeport	21	372	17000	150	80	3200	240	9000	6750	1	500	1000	800
Tiverton	5	100	5000	50	50	2000	150	6000	4500	...	...	.....	300
Totals.....	92	1752	70630	696	412	15920	1003	32815	24365	18	4040	6000	13605

* Home Consumption—

Mackerel, 12000 lbs., at 5c	\$	600
Herring, 413000 do 4c		16,520
Cod, 32000 do 4c		1,280
Pollack, 14000 do 4c		560
Haddock, 163000 do 4c		6,480
Halibut, 62500 do 4c		2,540
Lobsters, 14000 do 4c		560

\$28,540

fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KINDS OF FISH.											FISH PRODUCTS.			VALUE.
Cod, cwt.	Cod Tongues and Sounds, brls.	Pollack, cwt.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Fish Oil, gallons.	Fish used as bait, barrels.	Fish used as manure, barrels.	
6869	275	4681	9912	388440	.....	2000	.....	1000	...	5000	2100	2000	\$ cts. 117,515 15
600	130	1000	2000	7000	.....	.....	.....	.....	...	1200	650	850	17,980 00
800	300	800	3500	2000	.....	.....	.....	.....	...	1200	620	750	21,435 00
390	150	800	2000	3600	.....	.....	.....	.....	...	850	450	60	13,951 00
1600	700	1600	7000	4500	.....	.....	.....	.....	...	3800	1500	800	45,790 00
1125	564	1600	6500	3000	.....	.....	.....	.....	...	2000	1000	950	44,260 25
3100	480	2000	5600	1200	.....	.....	.....	.....	...	4500	1480	1100	56,282 00
600	450	500	1950	650	.....	.....	.....	...	...	2000	1400	650	38,514 00
390	420	550	2010	600	.....	.....	.....	.....	...	1800	1450	640	24,488 50
560	100	250	750	4000	.....	.....	.....	.....	...	2500	1200	650	17,495 00
4000	3200	300	.....	24500	.....	.....	.....	.....	...	4000	1640	325	42,772 50
.....	145	.....	.....	.....	...	300	500	1000	53,155 00
15000	100	10000	500	12000	45000	.....	.....	500	.....	40	29000	3000	200	182,285 00
10000	50	6000	1000	10000	20000	.....	.....	.....	.....	...	20000	3000	500	129,500 00
2500	1000	300	1500	.....	.....	.....	.....	.....	...	4000	500	.....	26,575 00
.....	*28,540 00
.....	†31,720 00
47534	150	23769	15881	64722	504490	145	2000	500	1000	40	82150	20490	10475	892,258 40

† Shipped fresh (not included in above)—

Lobsters, 502 tons at, \$35.....	\$17,570
Finnan Haddies, 1150 cases, at \$5.....	5,750
do 130000 lbs, at 4c.....	5,200
Haddock, 50000 do 4c.....	2,000
Fish Fertilizer, 30 tons, at \$40.....	1,200

\$31,720

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged

DISTRICTS.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.							
	Vessels.			Boats.			Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	Fathoms.	Value.	No.				Value.
<i>Guysboro'.</i>			\$			\$			\$	\$				
Fisherman's and Country Harbours	2	156	11600	30	161	6225	222	14200	7100	4	550	5		9
New Harbour.....	1	20	400	6	80	3464	111	11100	5550	...		3		
Tor Bay and Charlo's Cove	6	137	2400	33	115	2950	216	24600	12300	..				
Cole Harb'r to White Head	3	70	600	21	260	6500	390	41600	20800	...		10		
Salmon River to Fox Island.....	..	.....	.....	.....	142	2130	284	28400	14200	28	4000	10		
Canso to Dover.	4	399	20000	62	166	6640	332	33200	16600	28	4000	30		
Guysboro'	5	374	26700	66	60	1500	120	12000	6000	9	600	25		
North Shore.....	.....	.....	.....	.....	150	2250	225	21000	10500	3	150	6		
Strait of Canso	9	370	7300	70	109	2890	169	24000	12000	5	500			
St. Mary's Bay	1	32	1000	5	24	650	60	2800	1000	...		3	2173	300
Gegogan Harbour. ....	.....	.....	.....	.....	12	250	25	1500	700	.....			900	400
Bickerton Harbour...	1	38	1500	4	34	1200	60	3500	1500	.....			
Holland's Harbour.....	.....	.....	.....	.....	12	290	15	1200	480	.....			
Indian Harbour.....	1	60	2000	5	30	400	50	2400	900	1	80			
Wine Harbour	2	44	1400	6	25	500	50	3200	1400	2	100	4	200	500
Liscombe & Spanish Bays	3	89	2000	16	90	2000	160	5000	2400	2	70	2	200	100
Ecum Secum.....	.....	.....	.....	.....	40	900	46	2000	850	.....		1	260	150
Marie Joseph.....	.....	.....	.....	.....	50	1000	70	2800	900	.....			400	200
St. Mary's River.....	1	19	600	3	18	360	26	1300	450	.....		4	13000	400
Head of County Harbour River. ....	.....	.....	.....	.....	4	50	4	180	70	.....		1	500	
Totals.....	39	1808	77500	327	1582	42149	2635	235980	115700	82	10050	104	17633	2350

* Home consumption.

Fishes, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KINDS OF FISH.													FISH PRODUCTS.			TOTAL.
Herring, barrels.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, barrels.	Pollack, cwt.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as bait, barrels.	
6490 2220	213 37	5075 1850	5 5	..... .....	71 185	..... 7400	..... .....	1000 2000	..... .....	2000 2000	..... 3	91200	2537 925	..... .....	..... .....	74,705 70 22,639 25
2370	147	4495	27	.....	500	600	.....	3000	.....	.....	5	105600	2250	.....	.....	55,854 25
4600	520	3500	25	.....	2120	7800	.....	1000	.....	1600	10	124800	1750	.....	.....	87,901 50
882 1488 1800 7500 4920 450 140 1000 290 1740 900	8 532 120 450 25 5 5 10 2 10 10	1420 16300 6548 1000 240 150 145 300 80 25 60	10 10 5 ..... ..... ..... ..... ..... ..... ..... .....	..... 332 10	1846 2033 300 1000 240 15 1 30 10 5 5	..... 7000 500 300 600 300 200 600	..... 5 2 .....	..... 1000 1000 600 1800 500	..... 400 600 12 4 10 15 ..... .....	..... ..... 1000 1000 5000	..... ..... 10 15 3 9 4	45600 216000 43000 67200	700 8000 3250 500 120 80 70 160 40 15 30	..... 90 50 10 5 12	..... 1000 30 30 50 10 5	39,281 00 157,262 50 51,411 50 62,609 00 43,918 00 9,748 60 1,679 25 16,454 00 1,804 00 7,738 50 4,442 00
2000 80 600 80	150 10 7 50	2370 750 2200 60	..... ..... 6 .....	..... ..... 5	75 25	1000 2400 4000 600	..... ..... ..... 2	300 4600 3500	20 50 60	500 2000 1000 1200	2 10 40 10	80640 75120	1200 80 650 .....	..... ..... ..... .....	60 15 80 20	33,473 00 5,044 50 25,515 50 3,999 00
.....	16	.....	.....	.....	.....	.....	.....	200	.....	300	.....	.....	.....	.....	.....	212 00 *41,500 00
39520	2327	46568	93	347	8461	33300	9	20500	1185	17600	131	849160	22357	90	1312	747,193 05

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.					FISHING MATERIAL.			
	Vessels.		Boats.			Nets.		Weirs.	
	No.	Tonnage.	No.	Value.	Men.	Fathoms.	Value.	No.	Value.
<i>Hants.</i>				\$			\$		
Maitland			28	630	32	2450	600		
Selmah			4	180	8	1120	255		
Noël			2	100	4	600	130	1	
Burn Coat			1	40	2	300	65		
Tennicape			3	130	6	850	235	1	
Walton			11	390	22	3120	680	1	
Shubenacadie			76	456	76	1150	510		
West Hants			20	600	32	6400	2000	6	
Totals			145	2526	182	15590	4475	9	11

Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KINDS OF FISH.										FISH PRODUCTS.			VALUE.
	Salmon, smoked, lbs.	Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Smelt, lbs.	Fish Oil, gallons.	Fish Roes, barrels.	Fish Guano, tons.	
825				69	12	84				5			\$ cts.
323						36							1,167 25
126					15	31				7			352 60
45						5							341 50
395						48							49 00
360		30				31							463 00
495				262		68	855						440 00
900	50	200	300		20	200		300	1000				1,742 30
													2,828 00
													*3,928 00
3469	50	230	300	331	47	503	855	300	1000	12			11,311 65

* Home Consumption—

Herring,	16,000 lbs., at 4c.....	\$ 640
Alewives,	55,200 do 4c.....	2,208
Cod,	27,000 do 4c.....	1,080

\$3,928

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.					
	Vessels.				Boats.		Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.	No.	Value.		
<i>Halifax.</i>			\$			\$		\$		\$		
Ecum Secum to Beaver Harbour.....					40	850	70	2400	850			700
Sober Island to Sheet Harbour.....					21	724	56	3500	1134		1	1500
Mushaboon to Pope's Harbour.....	6	297	7100	46	73	2200	108	21440	6526			
Tangier to Ship Har.	2	50	1700	9	53	1720	67	7800	2500			2000
W. Ship Harbour to Olam Harbour.....	2	26	600	4	71	1725	93	8140	2442	*2	1273	3
East and West Jeddore.....	4	100	3500	26	94	2915	118	7120	2136	{ [†] 1 *1	300 2200	
Musquodoboit Har. to East Chezzetcook..	1	20	300	5	155	3403	162	9660	2898			1100
N. side W. Chezzetcook to Lawrence-town.....	16	422	16300	87	188	2394	174	23456	7032			400
Cole Harbour to Devil's Island.....					97	2028	106	8740	2622			2000
North Shore.....	5	125	4500	30	195	5850	170	19526	3156	50	10706	4060
East Margaret's Bay	5	100	4000	30	148	4440	153	10000	3000	65	13000	1090
Indian Harbour.....	5	200	6400	48	123	3690	102	4300	1290	30	6000	5400
Peggy's Cove.....					85	2550	85	15500	4650	61	12200	1200
Dover.....	9	180	7200	54	100	3000	106	12700	3810	39	7800	20300
Prospect.....	5	125	4000	30	350	10500	300	52000	15600	81	16200	1260
Terrence Bay.....	17	340	15300	102	132	3960	118	13300	3990	34	6800	
Pennent.....	2	40	1860	12	94	2820	94	6040	1812	9	1800	
Sambro.....	3	60	1650	18	136	6800	127	4800	1440	3	600	
Ketch Harbour.....	7	140	4900	42	150	3000	130	7200	2160	13	2600	
Portuguese Cove.....					97	1940	98	32400	9720	18	3600	12500
Herring Cove.....	14	365	11300	87	142	4260	150	10300	3150	38	7600	500
Ferguson's Cove.....	2	50	1200	12	71	1420	90	5100	1530	34	6800	
Bedford Basin.....					10	300	20	2000	600	2	400	1000
Halifax City.....	3	270	10500	43							2542	
Totals.....	108	2910	102250	684	2626	72489	2697	278616	84048	481	99173	2546

* Traps.

† Seine.

Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KINDS OF FISH.											FISH PRODUCTS.		VALUE.		
Herring, barrels.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, brls.	Pollock, cwt.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Trout, lbs.	Smelt, lbs.	Eels, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish used as bait, barrels.	\$	cts.
420	100	700	.....	5	.....	73	400	1400	.....	.....	435160	369	80	73,473	85
555	25	457	.....	.....	.....	55	.....	2000	.....	7	174728	250	50	32,367	45
2900	11	1200	.....	120	.....	144	.....	500	.....	.....	168400	780	143	52,808	00
2197	300	1000	.....	9	.....	120	400	600	.....	.....	52800	500	100	26,334	50
1965	180	520	.....	10	.....	40	.....	2700	.....	10	84000	260	50	33,850	00
1421	40	2904	.....	200	.....	350	.....	.....	1500	25	.....	1725	175	26,358	25
1370	209	2700	.....	20	.....	137	3000	4000	25000	35	105600	1412	200	40,485	30
2242	550	4768	.....	25	.....	120	2000	1000	75000	.....	.....	2500	400	48,624	50
945	55	1627	.....	.....	.....	195	1800	1500	1500	8	.....	850	160	14,649	75
230	60	250	3	.....	300	150	.....	.....	.....	30	.....	240	25	24,019	50
300	25	940	19	.....	.....	100	.....	.....	.....	.....	.....	570	94	11,092	50
2560	200	1840	37	.....	500	800	8000	.....	.....	.....	70000	1590	184	61,096	50
420	25	370	8	.....	.....	100	.....	.....	.....	.....	.....	240	370	10,824	50
1160	50	500	10	.....	2000	1130	4000	.....	.....	20	.....	900	150	43,445	00
3575	100	830	17	.....	.....	100	.....	.....	.....	.....	96000	510	83	79 551	00
120	25	1240	25	.....	3000	1500	8000	.....	.....	.....	.....	1650	155	36,982	50
250	75	1140	23	.....	500	250	.....	.....	.....	.....	.....	840	114	18,741	00
480	.....	2100	41	.....	.....	.....	1000	.....	.....	.....	61100	1230	201	29,107	50
1530	30	2700	54	.....	.....	.....	9500	.....	.....	.....	.....	1620	270	20,992	00
3220	.....	250	5	.....	.....	.....	.....	.....	.....	.....	.....	150	25	20,850	00
2160	.....	5175	102	.....	.....	.....	224000	.....	.....	.....	.....	3060	520	49,496	75
730	.....	400	8	.....	.....	.....	.....	.....	.....	.....	.....	210	40	5,972	00
200	.....	50	1	.....	.....	.....	.....	.....	.....	.....	.....	60	.....	3,258	50
10058	.....	18063	361	.....	.....	.....	.....	12400	.....	.....	.....	10830	.....	173,066	25
														* 52,400	00
														† 5,900	00
41008	2060	51724	714	389	6300	5366	262200	26100	103000	135	1247788	32376	3589	995,747	10

* Value sold in Halifax Fish Market, \$37,000 ; consumed by inhabitants, \$15,400.
† Clams, 500 brls., at \$7, \$3,500 ; 60,000 lbs. herring sold for bait, at 4c., \$2,400.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.					FISHING MATERIAL.				Salmon, fresh, in ice, lbs.	Mackerel, barrels.
	Vessels.		Boats.			Nets.		Weirs.			
	No.	Men.	No.	Value.	Men.	Fathoms.	Value.	No.	Value.		
<i>King's.</i>				\$			\$		\$		
Baxter's Hole and Black Hole...			18	540	36	550	270				
Hall's Harbour	4	16	28	780	52	875	437	3	750	8000	
Black Rock			11	330	22	300	150	4	500		
Harbourville	3	12	5	150	10	2000	600	8	700	20000	
Morden Bay			4	120	8	620	310	3	300	1800	
Scot's Bay	1	4				2650	1300				
Medford and Pereaux.....								8	400		
Long and Little Islands.						3500	800	5	650		
Starr's Point						3500	750	3	450		
Porter's Point.....						1200	300	2	200		
Kingsport.....						1100	300	2	200		
Gaspereaux			6	60	7	240	100			1500	
Aylesford										1500	
Kentville											
Totals	8	32	72	1980	135	16535	5317	42	4950	32800	

Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KINDS OF FISH.								FISH PRODUCTS.		VALUE.	
	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.	Pollock, cwt.	Haddock, cwt.	Shad, barrels.	Trout, lbs.	Smelt, lbs.	Fish Oil, gallons.	Fish used as manure, barrels.	
500			60	130	70				250	225	\$ cts.
200	3000		350	250	100				450	600	
800	7000		200	150	160				250	200	
3900	4000		325						300	3450	
2252	3500		140						150	40	
517	2700					47			100	500	
70	2000									200	
						210				30	
						36				18	
						30				20	
			12			32				30	
	200						700	6000			
							300				
								2000			

* Home Consumption—				
Salmon, fresh,	2200 lbs., at 15c			\$ 330 00
Mackerel do	2000 do 5c			100 00
Herring do	70000 do 4c			2,800 00
Cod do	4200 do 4c			169 60
Haddock do	3180 do 4c			127 20
Halibut do	500 do 4c			20 00
Shad do	4000 do 4c			160 00
				3,706 80

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.							
	Vessels.				Boats.		Nets.		Weirs.					
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.	No.	Value.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Mackerel, barrels.	
<i>Lunenburg.</i>			\$			\$		\$		\$				
Chester	4	211	6000	48	100	1000	200	1800	1000	10	3000	95000	4500	3500
Martin's River	2	85	1200	24	30	300	60	900	500	4	1200	1300	400	300
Fox Point	1	25	400	7	50	500	100	300	150	11	1500	400	.....	2400
Mill Cove .....	.....	.....	.....	.....	40	400	80	4000	2000	13	3000	200	.....	2000
Lodge .....	.....	.....	.....	.....	30	300	60	1500	1500	8	2400	100	.....	1600
North-West Cove .....	.....	.....	.....	.....	50	500	100	1200	1100	10	3000	2000	50	2800
Aspotogen	1	14	500	7	40	400	80	1500	1200	10	3000	500	.....	3200
Sandy Beach .....	.....	.....	.....	.....	30	300	60	500	400	13	3500	100	.....	2500
Blandford	1	40	800	10	60	600	120	6500	5500	12	3500	500	.....	3500
Little Tancook .....	.....	.....	.....	.....	24	300	50	1300	1200	7	2100	100	.....	2500
Big Tancook .....	.....	.....	.....	.....	90	1200	200	8000	6000	13	3900	1000	.....	5500
Deep Cove .....	.....	.....	.....	.....	20	200	40	900	700	9	2700	50	.....	2000
Ironbound .....	.....	.....	.....	.....	15	200	30	900	800	8	2500	.....	.....	1200
Lunenburg to Cross Island	95	5937	332500	1050	300	6000	600	11000	10000	.....	.....	100	500	4000
Mahone Bay to Martin's River Island..	37	2112	90206	330	200	5000	500	3000	2000	.....	.....	300	200	800
E. LaHave River to Ironbound Island ..	37	2220	108900	330	400	10000	1000	8000	7000	.....	.....	500	300	1000
W. side LaHave Riv to Cape LaHave & Islands	48	2500	110635	450	450	10000	1100	11000	10000	.....	.....	400	200	2000
Totals.....	226	13144	651141	2256	1929	37200	4380	62300	51050	128	35300	102550	6150	40800

Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KINDS OF FISH.												FISH PRODUCTS.				VALUE.	
Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, barrels.	Pollack, cwt.	Hake and Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.		
																\$ cts.	
100	100	1200	20	200	100	250	.....	2000	200	1000	20	140000	1400	....	300	1000	93,910 00
00	114	3800	20	20	40	200	600	1000	....	400	10	.....	2000	....	100	40	22,926 00
50	20	500	....	8	....	50	.....	.....	.....	.....	.....	.....	250	....	50	20	27,310 50
20	10	100	.....	.....	.....	50	.....	.....	.....	.....	.....	.....	50	....	20	.....	21,212 50
90	5	20	.....	.....	.....	10	.....	.....	.....	.....	.....	.....	10	....	5	.....	16,531 50
00	15	200	.....	.....	.....	100	.....	.....	.....	.....	.....	.....	150	....	20	40	31,407 50
00	4	100	.....	.....	.....	50	.....	40	.....	.....	.....	.....	55	....	10	.....	33,321 75
00	20	100	.....	.....	.....	60	.....	.....	.....	.....	.....	.....	75	....	10	.....	26,193 75
00	100	400	.....	.....	.....	800	900	.....	.....	.....	.....	.....	500	....	50	150	41,304 00
00	40	300	.....	.....	.....	200	.....	.....	.....	.....	.....	.....	150	....	30	15	30,890 00
50	10	3000	.....	10	.....	200	2000	.....	.....	.....	.....	.....	1500	....	200	50	73,045 00
00	10	.....	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20,520 00
00	.....	300	.....	.....	.....	50	.....	.....	.....	.....	.....	.....	150	....	30	.....	14,777 50
00	.....	103000	90	8000	300	25000	90000	1800	200	2000	80	.....	85000	60	1300	800	708,048 00
00	20	18000	25	2500	25	5975	30000	3000	....	2000	30	.....	16000	40	400	300	152,462 50
00	20	35000	30	4000	33	8277	40000	1500	100	1500	60	.....	23000	30	500	400	261,822 50
00	30	50000	40	5000	40	10000	30000	2000	100	4000	80	9000	41000	60	600	500	366,590 00
00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*7,665 00
10	1418	219020	225	19758	538	51272	193500	11300	640	10900	280	149000	171290	190	3625	3315	1,949,938 00

* Home Consumption—

Salmon, fresh, 1,500 lbs. at 15c.....	\$ 225
Ood, 6,000 lbs., at 4c.....	240
Herring, 100,000 lbs., at 4c.....	4,000
Alewives, 40,000 lbs., at 4c.....	1,600
Lobsters, 15,000 lbs., at 4c.....	600
Trout, 10,000 lbs., at 6c.....	600
Hake, 10,000 lbs., at 4c.....	400

\$ 7,665

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.				Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Mackerel, barrels
	Vessels.			Boats.			Nets.		Weirs.				
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	Fathoms.	Value.	No.				Value.
<i>Pictou.</i>			\$			\$		\$		\$			
Pictou Island.....	...	...	...	...	...	...	360	160	...	...	...	...	...
Chance Harbour.....	...	...	...	...	...	...	1600	2000	...	...	...	9000	...
Little Harbour.....	...	...	...	...	...	...	1300	1850	...	...	...	10000	...
Big Island.....	...	...	...	...	...	...	1700	2400	...	...	...	24300	...
North Beach.....	...	...	...	...	...	...	550	600	...	...	...	7400	...
Ponds.....	...	...	...	...	...	...	1300	1200	...	...	...	11200	...
Lismore.....	...	...	...	...	...	...	950	1300	...	...	...	8300	...
West Pictou.....	4	129	5000	17	105	2100	115	600	500	10200	6000	1500	...
Totals.....	4	129	5000	17	105	2100	115	8360	10010	10200	6000	71700	...
<i>Queen's</i>													
Mill Village.....	...	...	...	...	53	375	51	1270	645	...	...	5900	675
Port Medway.....	11	583	30450	136	56	1385	95	1885	1070	4	1850	11010	12
Ponhook.....	...	...	...	...	8	80	23	162	123	...	...	2000	730
Liverpool.....	5	263	19120	51	22	800	25	2561	1204	...	...	6160	21
Port Mouton.....	2	56	1000	11	41	2850	115	3000	2000	...	...	...	...
Brooklyn.....	7	445	23250	85	14	280	29	1512	800	...	...	2300	...
Port Joli.....	...	...	...	...	19	900	33	216	146	...	...	...	...
Port Lebert.....	1	28	300	3	23	1020	29	210	141	...	...	...	...
Sommerville.....	...	...	...	...	10	280	11	140	70	...	...	...	...
Hunt's Point.....	...	...	...	...	15	290	30	800	400	...	...	...	...
White Point.....	...	...	...	...	7	140	14	600	300	...	...	...	...
Beach Meadows.....	...	...	...	...	...	...	...	...	...	...	...	250	...
Coffin Island.....	...	...	...	...	10	180	20	720	320	...	...	...	...
Eagle Head.....	...	...	...	...	4	32	12	600	300	...	...	300	...
Blueberry.....	...	...	...	...	6	60	12	960	400	...	...	360	...
Pudding Pan.....	...	...	...	...	19	230	27	900	409	...	...	500	...
West Head.....	...	...	...	...	31	423	40	2070	678	...	...	...	...
Moose Harbour.....	...	...	...	...	14	199	14	540	237	...	...	160	...
Black Point.....	...	...	...	...	12	179	23	700	300	...	...	120	...
Milton.....	...	...	...	...	4	80	4	115	32	...	...	4809	...
Gull Island.....	...	...	...	...	4	48	8	144	64	...	...	...	...
Totals.....	26	1375	74120	286	372	9831	615	19105	9342	4	1850	33869	1405

* Home consumption:—

Mackerel, 25,000 lbs., at 5c.....	1,250 00
Herring, 43,800 do 4c.....	1,752 00
Cod, 162,800 do 4c.....	6,512 00
Alewives, 800 do 4c.....	32 00
Smelt, 1,000 do 6c.....	60 00

\$9,606 00

The Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KINDS OF FISH.												FISH PRODUCTS.			VALUE.	
Herring, barrels.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, barrels.	Pollock, cwt.	Hake Sounds, lbs	Haddock, cwt.	Halibut, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish used as bait, barrels.	Fish used as manure, barrels.	\$ cts.
300		55			80	100						400000	25			62,680 00
20		14											5			2 092 75
100		60			60	80							15			3,304 75
15		30			20	30				1000	4		8			5,443 70
																1,480 00
30		34			24	30				600	8		12			3,189 30
14		10			19	25							9			2,150 85
2230		223			1000		1100					550000	400	1800	4000	98,993 75
																*9,606 00
2709		426			1203	265	1100			1600	12	950000	474	1800	4000	183,941 10
	1750							1000		15200	18					9,449 00
336	825	8922	45				3300				12	50000	5740			69,276 50
	507							650			7					2,676 00
																†855 00
111	33	4454				46			40		15		1175	42	300	43,599 25
400	4	2000	3	2		50	1100				2	60600	1109	30		26,829 85
125	55	8420				105			10		3		4210	6	50	40,287 00
30	30	320	1			10	600				28		100			2,245 00
20	20	300	2	5		20	1000				30		180			2,183 50
10		75	1			4	500				1		60			504 25
200		600	4	4		10	600						300	10		4,668 00
50		100		10		5	280						70	10		849 80
10		10				5										150 00
115		150				15			10				80	30		4,022 00
9		12														227 00
11		20														301 00
19		25				10							17	7		635 30
111		470	8			115	593		54				266	27	150	4,546 60
70		119				16			27				47	23	60	2,425 30
17		73				71	65		5			24000	70	15	60	5,651 15
	250							200						19		1,992 80
24		50				10							65	7		572 75
																‡5,570 00
																\$1,750 00
1668	3474	26120	63	22		492	8040	1850	146	15200	116	134600	13469	226	620	231,267 05

† Home consumption in above districts:—

Mackerel, 6,000 lbs., at 5c.....	\$300 00
Herring, 8,000 do 4c.....	320 00
Codfish, 4,000 do 4c.....	160 00
Salmon, 500 do 15c.....	75 00

‡ Fish for home consumption.

\$855 00

§ 250 barrels of clams.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.			
	Vessels.			Boats.			Nets.		Weirs.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.	No.	Value.
<i>Shelburne.</i>			\$			\$		\$		\$
Barrington.....	7	330	16,780	69	18	350	23	1,500	225	...
Wood's Harbour	1	35	1,000	14	40	500	45	3,000	830	6
Shag Harbour	1	95	6,000	18	30	600	45	2,280	800	1
Bear Point	9	677	40,000	175	175	7,100	350	4,140	1,150	...
Cape Island	1	63	2,000	14	126	1,885	131	2,980	6	6,00
Port Latour and Baccaro	5	194	6,030	47	21	410	34	3,554	1	1,00
Upper Port Latour .....	...	...	...	...	37	1,284	65	1,458	405	...
Cape Negro and Blanche .....	...	...	...	...	30	600	35	2,880	800	...
Cape Negro Island .....	...	...	...	...	6	650	15	2,582	720	1
Port Clyde.....	...	...	...	...	...	...	...	774	215	...
North-West Harbour and East Clyde.....	...	...	...	...	18	845	36	2,000	700	...
North-East Harbour .....	...	...	...	...	5	135	8	520	230	...
Black Point and Red Head .....	...	...	...	...	38	2,675	100	6,500	1,425	...
Roseway and McNutt's Island .....	...	...	...	...	45	2,600	132	5,500	1,600	...
West Shelburne .....	...	...	...	...	25	1,000	45	1,600	500	...
East Shelburne.....	8	670	30,000	130	42	700	55	6,000	2,000	...
Jordan Ferry.....	3	254	12,220	43	25	700	45	2,000	500	...
Jordan Bay	2	162	7,000	23	16	800	25	2,500	700	...
Lockeport	36	2,355	114,800	495	25	1,800	60	2,500	1,000	...
Totals.....	73	4,835	235,780	1,031	812	26,544	1,369	74,896	20,334	15

* Home Consumption :—

Fresh—	30,000 lbs. herring, at 4c.....	\$1,200 00
	20,000 lbs. mackerel, at 5c.....	1,000 00
	40,000 lbs. cod, at 4c.....	1,600 00
	15,000 lbs. alewives, at 4c.....	600 00
	1,050 lbs. salmon, at 15c.....	157 50
	3,000 lbs. trout, at 6c	180 00
	20,000 lbs. halibut, at 4c.....	800 00
	30,000 lbs. lobsters, at 4c.....	1,200 00
Pickled—	900 brls. herring, at \$4.....	3,600 00
	80,000 lbs. cod, at 4c.....	3,200 00
	10,000 lbs. haddock, at 4c.....	400 00

\$13,937 50

The Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KINDS OF FISH.										FISH PRODUCTS.		VALUE.
Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Alewives, barrels.	Cod, cwt.	Pollock, cwt.	Haddock, cwt.	Halibut, lbs.	Beets, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish used as bait, barrels.	
												\$ cts.
125		250	425	5,750	50	363				1,900	969	32,037 00
2,500	41,576	900	30	350	15	70			160,864	125	1,740	62,692 25
875		920		825	75	200				500	175	17,398 75
300		417		3,000	150	166			62,000	1,600	800	29,664 00
6,200		1,190		19,853	125	725			160,694	7,036	2,348	185,135 75
801	19,200	2,660	10	2,930	831	1,153			3,840	3,077	540	44,257 55
72		613		3,555	26	300				1,890	394	21,044 25
123		1,221		1,190	12	324			25,000	860	166	16,822 50
260		1,300		400	20	175				375	75	10,501 25
10		300	50	20		10				20	5	1,638 00
23		200	5	335		36				200		2,729 75
5		48		40		14				45		490 25
90		225		600		500				1,500		7,075 00
200		200	25	500	50	750				1,200		8,605 00
150		300	20	450	25	350				1,150		6,752 50
100		300	15	15,800		100			57,400	7,500	100	83,345 00
75		60		5,350		100		2		1,600		25,135 50
117		394		4,560		262				1,750		24,180 50
1,715		1,830	25	58,970	20	500	16,000		74,000	31,70		309,677 50
												*13,937 50
												†14,761 00
												†11,650 00
13,741	60,776	13,328	605	124,478	1,449	6,098	16,000	2	543,798	64,028	7,312	929,530 80

† Lobsters sold to smacks for American market, \$14,761.

† Home Consumption in Barrington District, \$11,650.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.				Salmon, fresh, in ice, lbs.	Mackerel, barrels.	
	Vessels.				Boats.		Nets.		Weirs.				
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.	No.	Value.			
<i>Yarmouth.</i>			\$			\$		\$		\$			
Yarmouth.....	34	2085	88000	500	59	915	200	2148	785	5	14500	1600	6152
Maitland.....	15	262	11930	87	19	360	30	3636	1500	3	8000	5500	4332
Sanford and Yarn Bar ...	4	49	2400	24	27	892	60	2890	1402	3	8300	2500	2172
Little River.....					55	1425	81	2500	900				1425
Tusket Wedge	11	750	28500	178	22	1150	70	9000	5500	*2	4000	200	800
Salmon River					50	300	70	7400	2600			900	
Tusket.....					150	2800	180	23000	7500			1900	
East River					75	600	90	6500	3000			850	
Eel Lake and Eel Brooke	1	18	600	6	70	650	60	4500	2000				250
Argyle.....	1	110	7000	16	30	400	80	3000	1500				50
Argyle Sound.....					50	1250	100	8000	4500				2000
East and West Pubnico	35	1959	126000	572	16	1200	32	3000	3000	2	4000		1900
Totals	101	5213	264430	1383	623	11942	1053	75574	34187	15	38800	13450	17812

* Traps.

The Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—*Continued.*

KINDS OF FISH.											FISH PRODUCTS.				VALUE.		
Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, brls.	Pollock, cwt.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Trout, lbs.	Eels, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.		
1935	1000	170	49345	10	8630	1700	24700	10	2250	.....	.....	14310	.....	1250	.....	328,729 75
1665	50	.....	3330	4	600	150	47000	.....	.....	.....	.....	3250	600	350	.....	82,210 50
1140	90	.....	1036	.....	.....	.....	66000	20	.....	.....	.....	85	500	358	.....	43,298 75
496	.....	6	230	3	18	65	8700	.....	.....	6	92808	211	.....	.....	1500	20,151 35
675	.....	4	16875	22	550	575	2000	.....	.....	.....	.....	7340	.....	.....	.....	91,601 25
.....	.....	1380	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	.....	.....	.....	5,925 00
.....	.....	1540	.....	.....	.....	.....	.....	12	.....	30	.....	.....	.....	.....	.....	6,906 00
.....	.....	380	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	.....	1,798 00
200	.....	350	300	2	20	50	.....	.....	.....	320	.....	80	.....	.....	.....	9,166 00
100	150	420	3200	2	.....	.....	1000	.....	.....	21	60000	1600	.....	1200	.....	28,519 00
1000	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,120 00
650	.....	60	50645	70	2350	4850	80000	.....	.....	30	.....	31600	60	.....	.....	289,281 25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*15,680 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	†12,600 00
000	7911	1140	4376	124961	113	12168	7390	229400	42	2250	448	152808	58476	1160	1958	2700	959,986 85

* Live lobsters, 392,000 lbs., at 4c, shipped to United States.

† Home Consumption—

Live lobsters,	193,000 lbs., at 4c.,	sold in county.....	\$7,720
Salmon, fresh,	2,000 do 15c.	do	300
Alewives, smoked,	80,000 do 80c. per 100	do	640
Trout,	23,000 do 6c.	do	1,380
Smelt,	35,200 do 6c.	do	2,112
Alewives, fresh,	10,000 do 4c.	do	400
White fish,	800 do 6c.	do	48

\$12,600

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.								
	Vessels.			Boats.			Nets.		Weirs.		Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, smoked, lbs.	Mackerel, barrels.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	Fathoms.	Value.	No.					Value.
			\$			\$			\$		\$				
Cape Breton.															
Marion Bridge to False Bay Beach					41	1250	79	3400	1350			11	2150		55
False Bay Beach to Long Beach	1	16	400	4	65	1210	80	4400	1800			10	800		60
Long Beach to Bridgetown.....	2	31	900	10	74	752	148	5520	2642			3	250		18
Lingan to Sydney	3	51	1600	12	96	1320	187	5996	3000				1200		11
South Side Sydney River to Salmon River					37	1050	73	4080	1850				250		
West of East Bay															
Long Island															
Georges River															
Little Bras D'Or	7	140	1960	49	8	160	16	800	440						20
Point Aconi					6	120	12	240	132						
Mill Pond					4	80	8	160	88						
Fife's Mill															
Little Pond					6	120	12	240	132				500		
Big Pond					6	120	12	240	132				1800		
Lloyd's Cove					4	80	8	160	88				600		
North Bar	2	30	300	8	2	40	4	200	110						
North-West Arm					8	80	16	320	176						
Litche's Creek					2	40	4	80	44						
Ball's Bridge					4	80	8	160	88				100		
Black Brook															
Horn's Mill															
Gabarus					87	4350	261	8700	4350	1200	900				1000
Kennington Cove					9	450	27	900	470						54
Louisburg	1	40	800	6	51	2550	155	6120	3060			2			660
Big Lorraine					47	2250	108	5630	2800			8			700
Little Lorraine					16	800	40	2800	1400			10			100
Baulin					13	630	36	800	400			8			52
Main-à-Dieu and Scatterie					70	3400	146	8400	4200	800	600	4			840
Mira Bay and Catalone					57	2850	124	6800	3100			30			260
Lewis Bay and Mira					24	1000	48	800	400				1000	50	
Belfry					13	650	30	450	225						60
East Bay and Big Pond					20	400	40	300	150						
Totals	16	308	5960	89	770	25832	1782	67696	32927	2000	1500	86	8650	50	3870

The Fisheries, Quantity and Value of Fishing Material, &c—Nova Scotia—Continued.

KINDS OF FISH.														FISH PRODUCTS.			VALUE.	
Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	Ood, cwt.	Cod Tongues and Sounds, barrels.	Hake Sounds, cwt.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Trout, lbs.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as bait, barrels.	\$	cts.
410	145	1170	... 25	100	500	22	1300	2400	43	135	.....	590	4	127		10,293	50
830	2980	... ..	381	8400	25	500	1500	40	.....	.....	1490	45	440		21,526	00
690	16	593	... ..	35	3000	...	200	3500	37	.....	.....	1106	6	80		7,374	65
800	70	1000	... ..	50	2950	...	1200	3600	41	.....	.....	500	22	100		9,844	00
500	150	50	270	... ..	30	1000	...	800	3100	18	...	.....	135	...	27		4,110	75
.....	100	... ..	.....	.....	.....	300	.....	12	15	.....	25	...	3		615	25
.....	150	... ..	.....	.....	.....	100	.....	.....	10	.....	30	...	4		697	00
.....	100	... ..	.....	.....	.....	50	.....	.....	8	.....	25	...	3		519	25
150	1800	... ..	50	.....	.....	.....	.....	5	.....	44000	450	...	54		15,616	50
50	420	... ..	30	.....	.....	.....	.....	.....	.....	.....	105	...	14		2,172	25
40	400	... ..	25	.....	.....	100	.....	.....	.....	.....	100	...	12		2,030	50
.....	12	.....	.....	... ..	.....	.....	.....	150	.....	.....	.....	.....	.....	...	.....		57	00
50	160	... ..	20	.....	.....	.....	.....	.....	5	.....	45	...	5		1,129	25
80	150	... ..	25	.....	.....	.....	.....	.....	6	.....	30	...	4		1,482	50
50	70	... ..	.....	.....	.....	.....	.....	.....	.....	.....	17	...	2		630	55
100	200	... ..	20	.....	.....	.....	.....	.....	.....	.....	50	...	6		1,358	50
100	60	... ..	10	.....	.....	.....	.....	.....	.....	.....	15	...	2		701	75
50	10	.....	.....	... ..	.....	.....	.....	150	.....	4	.....	.....	.....	...	.....		285	00
50	7	100	.....	... ..	.....	.....	.....	100	.....	6	.....	.....	25	...	3		752	25
.....	300	600	.....	.....	.....	.....	...	.....		54	00
.....	300	1200	.....	.....	.....	.....	...	.....		90	00
1600	6960	4	400	300	.....	.....	.....	.....	.....	67200	2680	...	348		60,246	00
180	360	...	180	100	.....	.....	.....	.....	.....	.....	200	...	60		3,616	00
1020	3660	3	300	200	.....	.....	.....	.....	.....	.....	1866	...	250		28,816	90
940	3000	...	290	200	.....	.....	.....	.....	.....	.....	1640	...	240		25,937	00
350	1040	...	100	500	.....	.....	.....	.....	.....	.....	570	...	90		7,840	50
130	620	...	130	300	.....	.....	.....	.....	.....	.....	380	...	70		4,609	00
1750	4900	...	700	.....	.....	.....	.....	.....	.....	52550	2800	...	260		48,709	50
800	6	2280	...	160	100	.....	.....	.....	.....	.....	.....	1400	...	190		17,720	00
100	30	100	...	.....	.....	5	400	1000	.....	.....	.....	50	...	10		1,321	50
180	480	...	.....	.....	.....	.....	1000	.....	.....	.....	240	...	20		3,696	00
80	10	100	...	.....	.....	.....	150	200	5	10	.....	30	...	.....		900	50
.....		*6,340	00
1080	150	356	33223	7	25	3061	17550	52	6100	18100	230	170	163750	17594	77	2424	291,148	35

* Fish used for home consumption.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.				Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.
	Vessels.			Boats.			Nets.		Weirs.					
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	Fathoms.	Value.	No.					Value.
<i>Inverness.</i>			\$			\$			\$	\$				
Western Division—														
Port Hawkesbury. ...	2	200	5000	10	18	300	60	12000	3800					500
Port Hastings.....	1	50	500	5	26	700	90	15000	4000			150		10
Low Point.....					10	100	20	700	280					1
Creignish.....					19	190	38	11000	510			3		1
Long Point.....					16	160	32	1000	750					1
Judique.....					17	170	40	2240	900					1
Little Judique.....					46	510	140	4600	2330					20
Port Hood.....					156	5600	450	28000	7500					133
Mabou.....	2	35	1200	10	55	900	165	2500	1000				2000	15
Whycocomagh.....					12	140	25	800	240					
Boom.....					17	200	35	1000	600					
Malagawatch.....	1	15	200	3	35	350	72	2800	1600					
Basin, River Dennis. .					12	140	24	600	360					
River Dennis.....					1	2	8							
North Mountain.....					32	320	65	2300	150					
West Bay.....					10	130	20	400	300					
Eastern Harbour.....	1	33	500	7	40	310	120	2000	1500			12		10
Eastern Harbour.....					15	1800	25	1200	1200			10		40
Black Rock.....					20	1600	60	1400	1200			15		30
Pleasant Bay.....					20	1000	60	1200	1000					10
Eastern Harbour.....					18	700	54	2000	500					80
Eastern Harbour.....	2	60	1000	14	18	700	54	1500	670					77
Friar Head.....					22	900	66	1700	700					30
Cheticamp Point.....					24	2000	72	1000	600					5
Big Pond.....					24	2000	72	1000	800					40
Mill Brook.....					6	600	19	360	10					8
Hay Cove.....					3	150	9	120	50					4
Delany's Cove.....					8	340	21	680	360					15
Doucett's Cove.....					10	460	28	800	400			10		20
East Margaree Harbour					23	1600	65	3600	2900			15		40
West Margaree Harbour	6	99	2800	30	6	280	18	1800	1200			5	24000	40
Margaree Forks.....												7		10
Margaree River.....								460	290	80	960			
Margaree Island.....					20	280	57	310	190					50
Broad Cove Marsh.....					14	300	46	400	200					26
Port Bain.....					9	140	30	450	300					18
Broad Cove Shore.....					10	200	20	500	250					18
Coal Mines.....					3	700	8	190	180					4
Lake Outlet.....					5	40	10	120	50					
Trout River.....														
Totals.....	15	492	11200	89	801	28262	2198	108360	40310	80	960	227	24000	1293

Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KINDS OF FISH.													FISH PRODUCTS.		VALUE.	
Alewives, barrels.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, barrels.	Hake and Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.		Fish used as bait, barrels.
4000	300	1000	600	700				500	30	200	20			4000	16	73,458 00
4000		200	250	100				500		2000	20			1200	10	14,270 00
190		60		30										20	60	1,343 00
200		80		20										30	60	2,143 50
225		120		40				1500		5000	5			100	80	3,030 00
250		80		20				2000		8000	20			80	60	3,102 00
500		600	10	300	60	400		1000	40	4000	40			400	400	9,177 60
4000		4000	3000	600				1000	80	2000	10	106372		1600	2000	71,185 80
300		600	200	200				200	10	2500	10	34147		400	30	12,254 05
125		440						4000		4000	40	150		80	10	3,722 00
450		500						800		1500	120	150		120	12	5,683 00
850		640						500		4000	125	50		200	20	7,815 00
125		80						800		2000	100	120		100	5	3,613 00
								1200		1500						162 00
750		760						150		400	40			160	40	6,767 00
150		160						100			30			50	10	1,598 50
25		5000		90										1510	100	23,962 50
20		1000		40										400	80	8,990 00
30		1500		50										500	90	10,355 00
20		1500		40										400	50	8,905 00
16		1000		15										250	130	12,659 00
100		800		70									42000	600	150	18,645 00
300		2500		200										500	90	15,940 00
50		12000		100										800	150	52,720 00
170		5000		300										400	175	27,415 00
60		200		50										200	25	2,220 00
30		150		25										90	17	1,320 50
120		640		60	600									280	10	5,138 00
260		700		80	400									350	12	6,738 50
500	40	1800		300	950						10			960	28	16,529 00
220	300	2460		266	800						7			1540	49	23,517 00
25	150	40						1600			5			300		1,432 00
	864							2900			24					3,846 00
400		640		98	100									340	30	10,320 00
160		420		80	400									210	20	5,485 50
150		250		30										200	10	3,707 50
140	10	440		50	200									240	12	4,625 00
45		150		20										40	6	1,319 50
	120							900			50					984 00
								11400								684 00
956	1784	47810	10	4050	3974	3510	400	31050	160	37100	676	470	182519	18650	4047	486,782 45

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.								
	Vessels.				Boats.			Nets.		Weirs					
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	Fathoms.	Value.	No.	Value.	Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.
<i>Richmond.</i>			\$			\$			\$	\$					
Arichat	3	75	350	18	40	600	80	30000	5000	...	...	...	...	...	...
Arichat West	1	25	100	6	80	1525	140	20000	4000	...	...	...	...	...	...
Petit de Grat .....	...	...	...	...	50	750	100	40000	6000	...	...	6	300	...	...
Cape Hogan .....	...	...	...	...	40	800	80	30000	5000	...	...	...	...	...	...
Port Royal .....	...	...	...	...	10	150	20	10000	2000	...	...	5	200	...	...
D'Escousse	16	600	16000	200	20	300	40	40000	6000	...	...	...	...	...	...
Polimond	2	30	500	12	10	150	20	1000	500	...	...	...	...	...	...
Port Richmond	4	160	4000	48	3	45	6	900	400	...	...	...	...	...	...
Cape Le Rond .....	...	...	...	...	20	300	40	3000	1500	...	...	...	...	...	...
Rocky Bay .....	...	...	...	...	40	600	80	8000	4000	...	...	...	...	...	...
Little Anse .....	...	...	...	...	50	750	100	8000	4000	...	...	...	...	...	...
Gros Nez .....	...	...	...	...	60	825	120	8000	4000	...	...	...	...	...	...
River Inhabitants	3	90	1900	18	10	150	20	9000	4050	...	...	10	...	...	...
Black River .....	...	...	...	...	10	150	20	900	450	...	...	10	...	...	...
Martinique and Lennox Passage .....	...	...	...	...	12	180	24	700	300	...	...	...	...	...	...
Lower d'Escousse	3	60	1200	18	45	450	90	9000	4500	...	...	...	...	...	...
Fourchu .....	...	...	...	...	40	2000	112	7200	1800	...	...	...	...	...	...
Framboise .....	...	...	...	...	9	180	24	2160	540	...	...	...	...	...	...
St. Esprit .....	...	...	...	...	9	360	19	2160	540	...	...	...	...	...	...
Larchevêque .....	...	...	...	...	11	440	28	3080	770	...	...	...	...	...	...
Grand River .....	...	...	...	...	32	960	66	10240	2560	...	...	...	...	...	...
Point Michaud .....	...	...	...	...	19	380	22	2600	1000	...	...	...	...	...	...
L'Ardoise	4	135	4300	33	227	4600	435	23500	10500	...	...	30	...	...	...
St. Peter's Island	2	35	300	10	48	720	80	4000	1680	...	...	4	...	...	...
St. Peters	2	100	2000	20	50	750	100	8500	2100	...	...	3	...	...	...
River Bourgeois	25	600	12500	170	15	200	30	3000	1050	...	...	...	...	...	...
Totals.....	65	1913	43150	553	960	18315	1896	284940	74240	...	...	68	500	...	800

The Fisheries, Quantity and Value of Fishing Material, &c.—Nova Scotia—Continued.

KINDS OF FISH.														FISH PRODUCTS.		VALUE.
Herring, barrels.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, barrels.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Bas, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish used as bait, barrels.	
3000	40	700	10	...	3500	...	...	...	...	...	10	...	92000	1000	.....	\$ cts.
2000	50	800	10	...	2000	...	...	...	...	2000	10	...	...	460	.....	42,795 00
2000	40	400	4	...	2500	...	...	...	...	...	...	...	43000	400	.....	19,879 00
3000	...	200	2	...	2000	...	...	...	...	...	...	...	...	400	.....	27,516 00
2000	...	200	2	...	3000	...	...	...	...	1000	10	...	...	400	.....	21,124 00
350	...	9000	20	...	1000	...	...	...	...	...	...	...	...	400	.....	20,404 00
200	200	2100	...	...	200	...	...	...	...	...	...	...	...	1000	.....	44,540 00
100	20	200	...	...	50	...	...	...	...	...	10	...	...	50	.....	11,447 50
1000	...	200	...	...	300	...	...	...	...	...	10	...	...	30	.....	1,714 50
800	...	150	...	...	200	...	...	...	...	...	...	...	...	80	.....	7,952 00
1000	...	300	...	...	400	...	...	...	...	...	...	...	...	40	.....	6,563 50
900	...	400	...	...	1500	...	...	...	...	...	...	...	...	100	.....	9,240 00
100	100	350	...	...	100	...	...	...	...	...	...	...	...	200	.....	12,680 00
100	...	100	...	...	150	...	...	...	...	...	30	...	...	40	.....	2,843 50
...	...	...	...	...	...	...	...	...	...	...	...	...	...	40	.....	1,826 00
250	100	...	...	...	...	...	...	...	...	...	30	...	...	...	.....	1,670 00
200	...	350	...	...	200	...	...	...	...	...	...	...	...	100	.....	4,052 50
560	...	1800	...	...	...	...	...	...	...	...	...	...	57600	880	.....	21,502 00
360	...	36	...	...	...	...	...	...	...	...	...	...	...	20	.....	2,686 00
225	...	27	...	...	...	...	...	...	...	...	...	...	...	18	.....	3,276 45
253	...	44	...	...	...	...	...	...	...	...	...	...	...	22	.....	3,413 30
800	...	96	...	...	...	...	...	...	...	...	...	...	...	64	.....	11,329 60
275	6	200	4	...	50	...	...	...	...	...	...	...	...	125	.....	4,758 25
5700	45	4800	...	...	14000	...	...	...	...	...	...	...	...	4500	.....	130,845 00
270	10	400	...	...	200	...	...	...	...	...	2	...	20400	200	.....	9,800 00
100	...	650	...	...	...	...	...	...	...	...	...	...	...	320	.....	8,424 50
300	50	6750	...	...	450	...	...	...	...	...	5	...	...	3500	.....	37,982 50
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	*9,000 00
5843	661	30253	52	...	31800	...	...	...	...	3000	117	...	213000	13989	.....	479,265 10

* Added for home consumption.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.				Salmon, barrels.	Salmon, in cans, lbs.	Mackerel, barrels.
	Vessels.				Boats.		Nets.		Weirs.				
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.	No.	Value.			
<i>Victoria.</i>			\$			\$		\$		\$			
New Campbellton	1	15	300	3	16	200	32	850	420	...	...	...	10
Great Bras D'Or.....	.....	.....	.....	.....	20	300	40	950	475	.....	.....	.....	60
Boularderie.....	.....	.....	.....	.....	1	15	1	25	13	.....	5	.....	.....
French River.....	.....	.....	.....	.....	20	300	40	1200	600	.....	.....	.....	20
English Town.....	1	14	250	3	45	675	90	3000	1500	.....	21	.....	232
Grand Narrows.....	.....	.....	.....	.....	32	400	64	900	450	.....	.....	.....	.....
Wreck Cove.....	.....	.....	.....	.....	16	200	32	800	200	.....	.....	.....	25
St. Ann's Bay.....	.....	.....	.....	.....	10	120	20	300	150	.....	6	.....	.....
Smoky Head.....	.....	.....	.....	.....	14	168	28	700	350	.....	12	.....	18
Baddeck.....	.....	.....	.....	.....	1	15	2	25	13	.....	5	.....	.....
Washabuck.....	.....	.....	.....	.....	5	60	10	100	50	.....	.....	.....	.....
North River.....	.....	.....	.....	.....	8	192	16	400	200	.....	.....	.....	.....
Home consumption.....													
South Ingonish.....	1	11	100	4	71	1420	142	3550	852	.....	34	4600	290
North Ingonish.....	.....	.....	.....	.....	42	840	84	2100	504	.....	18	.....	104
Green Cove.....	.....	.....	.....	.....	13	260	26	450	156	.....	14	.....	50
Neil's Harbour.....	.....	.....	.....	.....	40	800	80	2000	480	.....	8	.....	30
New Haven.....	.....	.....	.....	.....	18	360	36	900	216	.....	.....	.....	8
White Point.....	.....	.....	.....	.....	54	1080	108	2700	648	.....	8	.....	110
Bay St. Lawrence.....	.....	.....	.....	.....	56	1120	112	2800	672	.....	9	.....	350
Aspy Bay.....	.....	.....	.....	.....	7	140	14	350	84	.....	10	.....	12
Totals.....	3	40	650	10	489	8665	977	24100	8033	.....	152	4600	1330

KINDS OF FISH.										FISH PRODUCTS.		VALUE.					
Herring, barrels.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, barrels.	Hake, lbs.	Haddock, cwt.	Halibut, lbs.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish used as bait, barrels.	\$	cts.
40		550		50	50									280	300	3,429	50
50		575			80									200	160	3,813	75
																90	00
100		500		20	45									250	60	3,175	00
250		870			110				2					310	50	8,040	00
150		640												75	16	3,384	75
60		200		10	44									100	20	1,614	00
140		120			15				50		4			60	50	1,555	50
50		80			20									89	35	1,098	85
																90	00
		50										50			5	367	50
45		20												10		271	50
2000		600										10		250		10,888	50
905		3468	12		205								59800	1784	426	34,871	10
68		2550			240									1275	210	14,352	25
80		660			26									330	68	4,250	50
90		2400												1150	200	11,951	50
30		2100												1050	90	9,897	50
46		3850	1											1920	270	19,315	50
260		2750												1375	280	17,563	25
20		340												170	35	1,970	50
																*600	00
																†12,000	00
4384		22323	13	80	915				52		4	60	59800	10678	2275	164,590	95

* 600 gallons cod liver oil. † Fish consumed in districts.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, and the Total Number of Men Employed, &c.—Nova Scotia, for the Year, 1884.

District.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.				KINDS OF FISH.									
	Vessels.			Boats.			Nets.		Weirs.		Salmon, bar- rels.	Salmon, fresh in ice, lbs.	Salmon, smok- ed, lbs.	Salmon, in cans, lbs.	Mackerel, bar- rels.	Mackerel, in cans.	Herring, bar- rels.	Herring, in boxes.	Alewives, bar- rels.	Cod, cwt.
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.	No.	Value.										
Annapolis	19	326	11900	70	329	6039	648	46950	16830	26	3900	1936	.....	.....	.....	.....	21500	60000	6	2500
Antigonish....	.....	.....	.....	.....	207	3096	440	15800	27100	.....	.....	58600	.....	.....	1590	.....	1020	.....	576	660
Colchester.....	.....	.....	.....	.....	107	3310	220	27041	5941	28	8900	22020	.....	.....	10	.....	120	795	28	120
Cumberland..	1	32	1200	4	71	1565	164	2750	1835	11	350	2200	.....	.....	130	.....	2092	.....	1000	450
Digby.....	92	1752	70630	696	412	15920	1003	32815	24365	18	4040	6000	.....	.....	13605	.....	11465	28500	.....	47534
Guysborough.	39	1808	77500	328	1582	42149	2695	235930	115700	82	10050	17633	2350	1052	14799	.....	39520	.....	2327	46568
Halifax.....	108	2910	92250	684	2626	72489	2697	278616	84048	481	99173	55800	8225	.....	21878	.....	41008	.....	2060	51724
Hants.....	.....	.....	.....	.....	145	2526	182	15590	4475	9	1135	3469	50	.....	.....	.....	230	300	331	47
Kings.....	8	.....	.....	32	72	1980	135	16535	5317	42	4950	32800	.....	.....	20	.....	9239	22200	200	1087
Lunenburg....	226	13144	651144	2256	1929	37200	4380	62300	51050	128	35300	102550	6150	.....	40800	1500	41310	.....	1418	219020
Pictou.....	4	129	5000	17	105	2100	115	8360	10010	10200	6000	71700	.....	.....	334	.....	2709	.....	.....	426
Queens.....	26	1375	74120	286	372	9831	615	19105	9642	4	1850	33869	1405	.....	4844	7680	1668	.....	3474	26120
Shelburne....	73	4835	235780	1031	812	26544	1369	74896	20334	15	15000	.....	.....	.....	13741	60776	13328	.....	605	124478
Yarmouth....	101	5213	264430	1383	623	11942	1053	77574	34187	15	38800	13450	.....	.....	17815	8000	7911	1140	4376	124961
Cape Breton...	16	308	5960	189	770	25832	1682	67696	32927	2000	1500	8650	50	.....	3870	.....	11080	150	356	33233
Inverness....	15	492	11200	89	801	28262	2198	108360	40310	80	960	227	24000	.....	12931	.....	16956	.....	1784	47810
Richmond....	65	1913	43150	553	960	18315	1896	284940	74240	.....	.....	68	500	.....	8041	.....	25843	.....	661	30253
Victoria.....	3	40	650	10	489	8666	977	24100	8033	.....	.....	152	.....	.....	4600	4820	4384	.....	.....	22323
Totals	798	34227	1544911	7028	12412	317765	22469	1399428	566344	13139	241908	3183465	18230	7652	165738	82776	250383	113085	19202	779304

Material, Kinds and Quantities of Fish, and the Total Number of Men Employed, &c.—Nova Scotia.—Concluded.

District.	KINDS OF FISH.										FISH PRODUCTS.					VALU.			
	Cod Tongues and Sounds, barrels.	Pollock, cwt.	Hake and Sounds, lbs.	Haddock, cwt.	Hallbut, lbs.	Shad, barrels.	Bas, lbs.	Trout, lbs.	Squid, barrels.	Smelt, lbs.	Belts, barrels.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gal-lons.	Fish Hoes, barrels.		Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.
Annapolis.....	3250	2675	5050	90000	.....	.....	.....	.....	.....	.....	.....	.....	8725	.....	.....	1130	2000	156,962 45
Home Consumption.	See County Return for quantities, &c.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16,410 00
Antigonish.....	3650	2290	.....	.....	5200	8000	.....	18500	350	295	280800	.....	870	.....	1015	.....	98,111 50
Home Consumption.	See County Return for quantities, &c.	.....	.....	.....	.....	.....	17000	.....	50	.....	.....	55	.....	20	.....	11,250 00
Colchester.....	30	.....	966	112	3100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15,056 22
Home Consumption.	See County Return for quantities, &c.	.....	.....	.....	.....	.....	13500	40	550	219250	.....	132	.....	105	.....	64,829 80
Cumberland.....	50	.....	340	2500	868	73000	1200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,088 49
Home Consumption.	See County Return for quantities, &c.	.....	.....	.....	.....	.....	1000	40	.....	.....	.....	82150	.....	20490	10475	831,998 40
150 23769 16881	64722	504490	145	.....	2000	560	.....	.....	.....	fresh (not included above),	.....	.....	.....	.....	.....	60,260 00
Home Consumption.	See County Return for quantities, &c.	.....	.....	.....	.....	.....	1185	17600	131	849160	22357	.....	90	1312	.....	705,693 05
93 347	8461	33300	9	.....	20500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	41,500 00
Guysborough	See County Return for quantities, &c.	.....	.....	.....	.....	.....	103000	135	.....	1247788	32376	.....	.....	3589	.....	937,447 10
Halifax.....	714	389	5366	262200	.....	.....	26100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58,300 00
Consumed by inhabitants, \$15,400; sold in Halifax Fish Market, \$37,000; other fish,	503	855	300	.....	1000	.....	.....	.....	.....	.....	.....	.....	.....	7,383 65
Hants.....	See County Return for quantities, &c.	.....	.....	.....	.....	.....	8000	.....	.....	.....	.....	.....	.....	.....	.....	3,928 00
Home Consumption.	270	.....	355	.....	1000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	64,497 25
King.....	530	.....	See County Return for quantities, &c.	.....	.....	.....	.....	.....	10900	280	.....	149000	171290	.....	190	3625	3315	3,706 80
Home Consumption.	51272	193500	.....	.....	11300	640	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,942,273 00
Lunenburg.....	225	19758	538	.....	.....	.....	.....	.....	1600	12	.....	950000	474	.....	.....	1800	4000	7,665 00
Home Consumption.	265	1100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	179,335 10
Pictou.....	1203	See County Return for quantities, &c.	.....	.....	.....	.....	.....	15200	116	.....	134600	13489	.....	.....	226	620	9,696 00
Home Consumption.	63	22	.....	492	8040	.....	1850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	223,092 05
Queens.....	\$5,570 + \$855; clams, \$1,750	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,175 00
Shelburne.....	1419	.....	6098	16000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	889,182 30
Home Consumption.	See Co. Ret. for quantities, &c., \$13,937.50 + \$11,650; Lobsters sold to smokers for Am. Mar., 14,761	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40,348 50
Yarmouth.....	113	12168	7390	299400	42	2250	.....	.....	392,000 lbs. live lobsters shipped to U.S. at 4c., \$15,650.	.....	.....	.....	.....	.....	.....	.....	.....	931,706 85
Home Consumption.	See Co. Ret. for quantities, &c., \$12,600; .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28,250 00
Cape Breton ..	7	.....	.....	3061	17550	52	.....	6100	.....	18100	230	170	163750	17594	.....	77	2424	.....	291,148 35
Inverness.....	10	.....	4050	3974	3510	.....	400	31050	160	37100	676	470	182519	18650	.....	.....	.....	.....	486,732 45
Richmond.....	52	.....	.....	31800	.....	.....	.....	.....	.....	3000	117	.....	213000	13989	.....	.....	.....	.....	479,265 10
Victoria.....	13	.....	.....	915	.....	.....	.....	.....	52	.....	4	60	59800	10678	.....	.....	2275	.....	164,590 95
Totals.....	1440	61732	34297	191796	1361590	2940	79567	114750	2683	265500	2681	1595	5146273	516845	.....	1517	51328	28423	8,763,779 36

RECAPITULATION, EXCLUSIVE OF CAPE BRETON ISLAND.

Kinds of Products.	Quantities.	Rate.	Value.	Total.
		\$ cts.	\$ cts.	\$ cts.
Salmon, pickled.....	2,650 brls.	18 00	47,700 00	
do fresh.....	422,027 lbs.	0 20	84,405 40	
do home consumption.....	13,325 lbs.	0 15	1,998 75	
do smoked.....	18,180 lbs.	0 20	3,636 00	
do preserved.....	1,052 cans.	0 20	210 40	137,950 55
Mackerel, pickled.....	129,566 brls.	10 00	1,295,660 00	
do preserved.....	77,956 cans.	0 15	11,693 40	
do home consumption.....	65,000 lbs.	0 05	3,250 00	1,310,603 40
Herring.....	193,120 brls.	4 00	772,480 00	
do smoked.....	112,935 boxes.	0 25	28,233 75	
do home consumption.....	1,015,800 lbs.	0 04	40,632 00	841,345 75
Alewives.....	16,401 brls.	4 00	65,604 00	
do home consumption.....	217,300 lbs.	0 04	8,692 00	74,296 00
Cod.....	645,695 cwt.	4 25	2,744,203 75	
Cod Tongues and Sounds.....	1,358 brls.	7 00	9,506 00	
Cod, home consumption.....	408,040 lbs.	0 04	16,321 60	2,770,031 35
Pollock.....	61,732 cwt.	3 50	216,062 00	
do home consumption.....	14,000 lbs.	0 04	560 00	216,622 00
Hake Sounds.....	30,247 lbs.	1 00	30,247 00	
Hake and Haddock.....	152,046 cwt.	3 50	532,161 00	
do home consumption.....	455,180 lbs.	0 04	18,207 20	580,615 20
Halibut.....	1,340,530 lbs.	0 06	80,431 80	
do home consumption.....	84,000 lbs.	0 04	3,360 00	83,791 80
Shad.....	2,888 brls.	8 00	23,104 00	
do home consumption.....	97,631 lbs.	0 04	3,905 24	27,009 24
Bass.....	79,167 lbs.	0 06	4,750 02	
do home consumption.....	500 lbs.	0 06	30 00	4,780 02
Trout.....	77,600 lbs.	0 06	4,656 00	
do home consumption.....	37,000 lbs.	0 06	2,220 00	6,876 00
Squid.....	2,471 brls.	4 00	9,884 00	
Smelt.....	207,300 lbs.	0 06	12,438 00	
do home consumption.....	36,200 lbs.	0 06	2,172 00	14,610 00
Eels.....	1,554 brls.	9 00	13,986 00	
Oysters.....	895 brls.	3 00	2,685 00	
Lobsters.....	4,527,204 cans.	0 15	679,080 60	
do home consumption.....	256,400 lbs.	0 04	10,256 00	
do sold to American Smacks, Shelburne County.....			14,761 00	
do sold to United States, Yarmouth Co.....	392,000 lbs.	0 04	15,680 00	719,777 60
Fish Oil.....	455,934 gals.	0 65	296,357 10	
Fish Guano.....	1,440 tons.	15 00	21,600 00	
Fish used as Bait.....	42,582 brls.	1 00	42,582 00	
Fish used as Manure.....	28,423 brls.	0 50	14,211 50	
Haddies, fertilizer, &c., in Digby.....			31,720 05	
Home consumption, Shelburne, Barrington District, \$11,650 and 900 brls. Herring, \$4 00, not enumerated above 3,600.....			15,250 00	
Alewives, Smoked, Yarmouth Co.....	80,000	80c p.100.	640 00	
Whitefish, Yarmouth Co.....	800 lbs.	@ 06	48 00	
Halifax Market, \$37,000 consumed in outside districts, Halifax.....			52,400 00	
Clams in Halifax and Queen's Co's.....	750 brls.	7 00	5,250 00	

RECAPITULATION, EXCLUSIVE OF CAPE BRETON ISLAND—*Concluded.*

Kinds of Products.	Quantities.	Rate.	Value.	Total.
		\$ cts.	\$ cts.	\$ cts.
Home consumption, Queen's Co.....				5,570 00
do Guysboro'.....				41,500 00
Total.....				7,341,992 51
Nova Scotia proper			7,341,992 51	
Cape Breton Counties.....			1,421,786 85	
Grand Total.....				8,763,779 36

COMPARATIVE STATEMENT of Value of Fisheries in each County in the Province of Nova Scotia, exclusive of Cape Breton Island, for the Years 1883 and 1884.

Counties.	1883.	1884.	Decrease.	Increase.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Annapolis.....	138,970 20	173,372 45		34,402 25
Antigonish	75,127 25	109,361 50		34,234 25
Colchester.....	22,892 50	19,142 71	3,749 79	
Imberland	74,592 60	65,737 80	8,854 80	
Halifax.....	1,078,806 15	892,258 40	186,547 75	
Guysborough.....	711,469 70	747,193 05		35,723 35
Halifax.....	727,459 65	995,747 10		268,287 45
Antigonish	11,757 20	11,311 65	445 55	
Colchester.....	56,101 00	68,204 05		12,103 05
Imberland	1,531,559 75	1,949,938 00		418,378 25
Halifax.....	164,586 60	188,941 10		24,354 50
Guysborough.....	149,875 65	231,267 05		81,391 40
Halifax.....	889,031 60	929,530 80		40,499 20
Antigonish	780,969 70	959,986 85		179,017 15
Totals.....	6,413,199 55	7,341,992 51	199,597 89	1,128,390 85
Increase.....				199,597 89
				928,792 96

RECAPITULATION—CAPE BRETON ISLAND.

Kinds of Fish.	Quantities.	Rate.	Value.
		\$ cts.	\$ cts.
Salmon, pickled.....	533 bbls.	18 00	9,594 0
do fresh, in ice.....	33,150 lbs.	0 20	6,630 0
do smoked.....	50 lbs.	0 20	10 0
do preserved.....	6,600 cans.	0 20	1,320 0
Mackerel.....	26,172 bbls.	10 00	261,720 0
do preserved.....	4,820 cans.	0 15	723 0
Herring.....	57,263 bbls.	4 00	229,052 0
do smoked.....	150 boxes.	0 25	37 6
Alewives.....	2,801 bbls.	4 00	11,204 0
Codfish.....	133,609 cwt.	4 25	567,838 2
Cod Tongues and Sounds.....	82 bbls.	7 00	574 0
Hake Sounds.....	4,050 lbs.	1 00	4,050 0
Hake and Haddock.....	39,750 cwt.	3 50	139,125 0
Halibut.....	21,060 lbs.	0 06	1,263 6
Shad.....	52 bbls.	8 00	416 0
Bass, Trout and Smelt.....	95,750 lbs.	0 06	5,745 0
Squid.....	212 bbls.	4 00	848 0
Eels.....	1,027 bbls.	9 00	9,243 0
Oysters.....	700 bbls.	3 00	2,100 0
Lobsters, preserved.....	619,069 cans.	0 15	92,860 3
Fish Oil.....	60,911 galls.	0 65	39,592 1
Guano.....	77 tons.	15 00	1,155 0
Fish used as bait.....	8,746 bbls.	1 00	8,746 0
Home consumption, as per returns.....			27,940 0
Total.....			1,421,786 8

COMPARATIVE Statement of the Value of the Fisheries in each County of the Island of Cape Breton for the Years 1883 and 1884.

Counties.	1883.	1884.	Decrease.	Increase.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Cape Breton	233,739 40	291,148 35	.....	57,408 95
Verdun	530,323 50	486,782 45	43,541 05	
Chatham	352,943 90	479,265 10	.....	126,321 20
Antigonish	159,168 40	164,590 95	.....	5,422 55
Totals.....	1,276,175 20	1,421,786 85	43,541 05	189,152 70
				44,541 05
Net Increase.....	.....	.....	.....	145,611 65

GENERAL RECAPITULATION OF THE YIELD OF FISHERIES IN NOVA SCOTIA.

Kinds of Products.	Quantities.	Rate.	Value.	Total.
		\$ cts.	\$ cts.	\$ cts.
Salmon, pickled.....	3,183 brls.	18 00	57,294 00	
do fresh.....	455,177 lbs.	0 20	91,035 40	
do smoked.....	18,230 lbs.	0 20	3,646 00	
do in cans.....	7,652 lbs.	0 20	1,530 40	
do home consumption.....	13,325 lbs.	0 15	1,998 75	155,504 56
Mackerel, pickled.....	155,738 brls.	10 00	1,557,380 00	
do home consumption.....	65,000 lbs.	0 05	3,250 00	
do preserved.....	82,776 cans.	0 15	12,416 40	1,573,046 40
Herring, pickled.....	250,383 brls.	4 00	1,001,532 00	
do smoked.....	113,085 boxes.	0 25	28,271 25	
do home consumption.....	1,015,000 lbs.	0 04	40,632 00	1,070,435 25
Alewives, pickled.....	19,202 brls.	4 00	76,808 00	
do home consumption.....	217,300 lbs.	0 04	8,692 00	85,500 00
Cod.....	779,304 cwt.	4 25	3,312,042 00	
do home consumption.....	408,040 lbs.	0 04	16,321 60	
Cod Tongues and Sounds.....	1,440 brls.	7 00	10,080 00	3,338,443 60
Pollock.....	61,732 cwt.	3 50	216,062 00	
do home consumption.....	14,000 lbs.	0 04	560 00	216,622 00
Hake Sounds.....	34,297 lbs.	1 00	34,297 00	
Hake and Haddock.....	191,796 cwt.	3 50	671,286 00	
do home consumption.....	455,180 lbs.	0 04	18,207 20	723,790 20
Halibut.....	1,361,590 lbs.	0 06	81,695 40	
do home consumption.....	84,000 lbs.	0 04	3,360 00	85,055 40
Shad.....	2,940 brls.	8 00	23,520 00	
do home consumption.....	97,631 lbs.	0 04	3,905 24	27,425 24
Bass.....	80,067 lbs.	0 06	4,804 02	
Trout.....	114,750 lbs.	0 06	6,885 00	
do home consumption.....	37,000 lbs.	0 06	2,220 00	9,105 00
Smelts.....	265,500 lbs.	0 06		
do home consumption.....	36,200 lbs.			18,102 00
Squid.....	2,683 brls.	4 00	10,732 00	
Eels.....	2,581 brls.	9 00	23,229 00	
Oysters.....	1,595 brls.	3 00	4,785 00	
Lobsters.....	5,146,273 cans.	0 15	771,940 95	
do sold to United States, Yarmouth and Shelburne Co.....			30,441 00	
do home consumption.....			10,256 00	812,637 95
Fish Oil.....	516,845 galls.	0 65	335,949 25	
Fish Guano.....	1,517 tons.	15 00	22,755 00	
Fish used as Bait.....	51,328 brls.	1 00	51,328 00	
Fish used as Manure.....	28,423 brls.	0 50	14,211 50	
Haddies, fertilizer, &c., in Digby.....			31,720 00	
Whitefish and smoked Alewives, in Yarmouth.....			638 00	
Halifax markets, and vicinity.....			52,400 00	
Home consumption, Shelburne Co., not included.....			15,250 00	
do Queen's Co. do.....			10,820 00	
do Guysboro' Co.....			41,500 00	
do Cape Breton.....			27,940 00	
Total.....				8,763,779 36

No. 3.

NEW BRUNSWICK.

ST. JOHN, 31st December, 1884.

Hon. A. W. McLELAN,
Minister of Marine and Fisheries, Ottawa:

SIR,—I have the honor to submit a report on the fisheries of New Brunswick for the year 1884, with synopses of the reports from local overseers. Appended to these are returns of the catch in the several districts, in each county, and in the Province. In the aggregate these returns show a considerable increase over the catch of last year.

SALMON.

The returns show an improved catch of salmon in almost all districts except Ristigouche. In this district the decrease is very considerable, not only on the coast, but in the estuary and up the river. Nor has this falling off been confined to net fishing alone, the angling catch having been less than half that of last year. To those who have watched our salmon fisheries for the last twenty years, there is nothing surprising in this decrease. On the contrary, the signs of exhaustion have been apparent for a long time, and the results now seen are only such as the agencies that have been at work would naturally produce. In 1874, the catch in the Ristigouche district was 678,500 lbs. In 1884 it was 171,305 lbs.—a decrease of 507,195 lbs., while more men were employed, more nets were in use, and greatly improved modes of setting them. In Miramichi the catch has been better than last year, owing, no doubt, to very favourable weather for fishing; but still the same steady decrease is seen in this district. In 1874 the catch was 1,323,798 lbs. In 1884 it was 371,370—a decrease of 952,428 lbs. In Gloucester district there has been a great improvement on the poor catches of the last four years, but in this county, also, the steady decline of the fishery cannot be ignored. In the whole Province the catch of 1874 was 3,214,182 lbs. In 1884 it was 1,110,745 lbs.—showing a decrease in ten years of 2,103,437 lbs.—nearly two-thirds—while the number of men and nets employed in the fishery has nearly doubled. The causes that have led to this serious decline, and which now threaten the extinction of the salmon fishery as a profitable industry in New Brunswick, are not far to seek. They are: Excessive fishing in the open season, and the destruction of spawning fish in the close season. On the Miramichi the state of things described by Overseers Bamford and Freeze (see synopses) is not exaggerated. I have for years called attention to these abuses, and urged more vigorous measures for their suppression. The means at present employed for the protection of salmon on the upper waters of our rivers, and on their spawning beds, are wholly inadequate. The officers are too few for the work, and the pay insufficient to secure good and faithful men. Until these causes of depression are removed, it will be vain to look for any permanent improvement in the fishery.

BASS.

There has been no falling off in the yield of this fishery; the catch is about the same as last year. But this result has been caused more by the greater attention given to this fishery than by any increase in the stock. The number of small fish,

of which the bulk of the catch consists, shows that the fishery is not likely to improve while the large number of very small bass caught in smelt nets cannot fail to have bad effect upon the yield of future years. In Northumberland and Kent the utmost efforts of the officers are ineffectual to prevent the export of illegal fish. So long as an outlet can be found for undersized fish and fish caught out of season, poacher will catch, and dealers will buy and ship, despite the utmost vigilance of the fishery officers. In special reports I have pointed out a simple and effectual remedy for this, and I would again respectfully urge its adoption, even if further legislation is necessary to secure it. I cannot recommend any relaxation in the regulation now in force. If the present excessive fishing could be curtailed, the best result would follow.

SHAD.

The returns show a slight improvement in this fishery, as compared with last year, but there is no doubt that it is steadily decreasing in this Province. There has been some discussion in the press of Nova Scotia as to the birth place of the shad which are caught in the Bay of Fundy. Some of the disputants contend that the shad does not spawn in any of the Nova Scotia rivers; that they come from the southern rivers, along the American coast, and that greater numbers of these may be annually expected in our waters, in consequence of the vast increase caused by artificial hatching now largely pursued by the United States Commissioners of Fisheries. As to the first part of this contention, I may say that, as a matter of fact, shad do spawn in at least two Nova Scotia rivers—the Shubenacadie and the Stewiacke. As to the second part, if true, it is somewhat strange that, while shad are increasing vastly in these southern rivers and still more vastly in some of the northern rivers, they are decreasing in the Bay of Fundy. In 1882 they were very plentiful in American waters, while the catch in the Bay of Fundy waters was very small, both in Nova Scotia and New Brunswick; the whole catch in the former Province having been only 3,442 barrels, being little over one-third of what the annual catches were before they received any assistance from artificial culture. *These are the facts;* but some theorists care little for these when riding their hobbies.

ALEWIVES.

A very considerable increase in the catch of this fish is shown by the returns. Favourable weather everywhere during the fishing season will explain this improvement. In St. John harbour and river the weather and the freshets were exceptionally favorable for this fishery, and the catch largely exceeds that of last year. The numbers left to spawn must necessarily have been small, and future years cannot fail to show the effects of this year's over-fishing. As stated in former reports, I see no reasonable prospect of this fishery permanently improving, unless more protection is given to parent fish. The whole annual catch consists of gravid fish seeking their spawning places, and enough of these to keep up the stock do not reach them under the present mode of fishing.

SMELT.

The extent to which this fishery has increased is something wonderful. The fish abound in all the northern rivers, and every year adds to the number of nets and fishermen. The yield steadily increases because new localities are opened up and additional fishermen add their catch to the general supply. The returns show an increase of 2,000,000 lbs. over those of last year. A few years only have elapsed since the export of this fish was commenced. The catch has gradually increased, until the returns now show 5,801,560 lbs., valued at \$348,093. New markets are being found and the gluts that formerly kept prices so low that no profit was made are now avoided. The business is better conducted, the fish better handled, better culled and better packed, with more satisfactory results to all concerned. Evidence

not wanting to show that the enormous annual drain on the supply is being felt. Large fish are becoming scarcer and the average size becoming less. While the aggregate catch increases in consequence of more men and more nets being employed, individual catches are growing less, and more labour is required to secure them. The usual results of over-fishing will, no doubt, soon become more evident. Were fishing restricted from 1st December to 15th February, much loss from soft weather would be avoided, and both fishermen and shippers would find it to their advantage—the former enhanced prices, the latter in better profits.

PICKEREL AND PERCH.

The demand for these fish has been good this year, and much larger catches of each have been made. The catch of pickerel last year was only 34,000 lbs.; this year has reached 130,570 lbs. Perch have increased from 10,450 to 12,000 lbs. The same demand for each has somewhat increased, but the bulk of the catch has been sent to American markets. While both these fish are plentiful in many of our rivers, fishing for export is confined entirely to the St. John River and its tributaries.

TROUT.

All our rivers, lakes and streams abound in trout, but few are caught for market, and still fewer exported. Their capture, being confined to hook and line, is followed more for sport than profit. The abundance of this fish in our waters attracts sportsmen from all quarters, and the money spent in their pursuit far exceeds their value as food. While some illegal fishing is, no doubt, done, the close season is fairly well observed, and it is an encouraging sign to see sportsmen advocating a large extension of close time, so as to put a stop to winter fishing, when fish are in poor condition. If their wishes were granted, and the close season made to extend from 1st October to 1st May, no doubt the fish would rapidly increase in those waters where over-fishing has shown its usual results.

STURGEON.

The great decrease in the catch of this fish which I have had to report for several years past has, this year, been still more marked. The catch is not more than half that of last year, which showed an equal decrease, as compared with the year preceding. Those engaged in the business have hitherto attributed this falling off to high freshets and unfavourable weather; but the experience of this year points to a different solution of the trouble. The opinion expressed in my last report would seem to be borne out by the result of this season's fishing. I never believed the stock in the river would stand the excessive fishing which followed the commencement of the business, still there were some peculiarities in this season's experience, which are not easily explained, in my present knowledge of the habits of this fish. The principal of these is the fact that very few small fish were taken; most of the season's catch consisted of large fish, and it would seem as if the smaller fish were not in the river. Why they did not come as formerly I am at a loss to explain, and I have little faith in theories unsupported by facts. The most marked feature in a failing fishery is the scarcity of large fish and the preponderance of small ones. But this rule seems to have been reversed this year, and though the numbers taken have diminished, the size has increased. I am informed that a movement is on foot to obtain the removal of the tax on nets, on the ground that fishing is so poor. From my point of view, this is the strongest reason for continuing it; for no hope of improvement can reasonably be entertained until the excessive fishing that has hitherto been pursued is much reduced. But as past experience has shown that this fishery cannot be commenced earlier than the second week in June, in consequence of spring freshets, which do not subside much earlier than that date, the fishing season might be extended to the 15th September, without injury, as it is now pretty certain that this fish spawns all through the summer months.

HERRING.

The returns show a considerable increase over those of last year, both in salted and smoked; but a decrease in sardines and frozen herring. The demand for small herring was not so brisk among the sardine factories, and prices declined. In Grand Manan large catches of fine fish are now being made, and the prospect for good winter's fishing is cheering. The recent Orders in Council for the protection of spawning grounds and for the prevention of "torching" or "driving" herring will have a most beneficial effect upon the future of this valuable fishery.

MACKEREL.

There is an increase in the catch of salted mackerel, but the quantity canned is far short of last year's returns. It is hard to understand how our fishermen can see American vessels successfully pursuing this fishery, "with all modern improvements under their very noses, and not desire to share their profits. But, strange as it may appear, our fishermen have neither suitable vessels to follow the schools of fish, nor suitable seines to capture them. Not a season passes but these fish are more or less plentiful on our northern coasts, and particularly in Bay Chaleur, where they are seldom absent during the summer. But our fishermen and fish dealers content themselves with the old and inconvenient shore boat, and with the primitive "mackerel jig," and when the fish will not take bait, they put in the time grumbling at the "Yankeys," who are "destroying the fishing" by means of improved nets and liberal use of enticing bait, instead of profiting by their example and using the same means. On the coast of Gloucester two traps were under license this season, and did very well, but success in this mode of taking mackerel is very uncertain, depending entirely upon the erratic movement of the schools, which only by chance come near enough to shore to enable the traps to capture them.

COD.

There is a considerable decrease in the catch of this fish, caused entirely by the want of enterprise in its pursuit. In Charlotte County the demand for sardine herring has given employment to those who formerly made codfishing their principal business, and in the northern counties the "lobster craze" has almost entirely drawn the cod-fisherman from his old employment. While these inshore fisheries furnish remunerative industry to fishermen, nearer to their homes, no extension of deep-sea fishing can be expected.

HALIBUT.

The returns show a large increase in the catch of this fish, which has been very plentiful in our waters this year. But little of this fish is salted; the great bulk of the catch finds ready sale fresh in home and American markets. When successful this fishery is very remunerative to those who engage in it. After being caught the halibut requires no labor, and is always sure of a ready sale; but the fishery is precarious, and success does not always reward the most persevering industry.

HADDOCK.

The catch of this fish falls below that of last year. This is not to be attributed to any scarcity or failure in the supply; but entirely to the limited number of men employed in its capture. Herring fishing in the southern counties and lobster fishing in the northern counties have led to the neglect of this fishery, which takes men from their homes and demands more labor and exposure.

POLLOCK AND HAKE.

In pollock there has been an increase, but in hake a decrease, as compared with last year's catch. Formerly these fisheries were the principal employment of the

whole fishing population of Charlotte County; but they have, of late years, been most deserted for the easier and more exciting business of weir fishing for sardine herrings.

LOBSTERS.

While the stock of lobsters on our shores has been steadily decreasing for years, the number of factories has been increasing. Consequently, we have seen, this year, a strange and almost incredible anomaly of a failing supply furnishing an increased yield. The returns show 5,662,072 cans of preserved and 1,709 tons of fresh lobsters, being an increase of 1,619,118 cans, and 784 tons over the catch of last year. Not only is the supply growing less, but the average size of the lobster is diminishing, and has now fallen below the standard of nine inches in length. Of this size it takes five fish to fill a pound can. To furnish the above quantity of canned goods, 3,310,350 lobsters have been killed this year. If to this we add the number disposed of fresh—1,709 tons—at the rate of 2 lbs. per fish, which is a very large average, we shall have, as the year's destruction, 20,019,350 lobsters. No one knows better than the canners themselves the inevitable result of this annual drain on the supply. But, careless of this, they are seeking to have the present insufficient restrictions removed, in order that they may still further increase the production of canned goods, in the hope of making a larger supply compensate for low prices. As long as the supply will last their time," they are perfectly careless of the future, and regard the extinction of the industry as a matter of no importance to them, after they are done with it. Even those few canners who are fully alive to the consequences of these abuses, and are sincerely desirous of seeing them abated, are forced, in self defence, to follow the general example. After building and furnishing expensive factories, and in many cases buying out other factories, for the sake of the fishing limits attached to them, they find themselves without any protection, and are liable, at any moment, to see a new factory started beside them, and their already restricted fishing grounds encroached on by some adventurer having nothing to lose. I can only urge the great necessity of immediately placing it under the law and subjecting it to the control of the Department. Overseer Deacon's report has some sensible remarks on this phase of the business, which are worthy of consideration. I have so often expressed my convictions with regard to this fishery, that to repeat them seems unnecessary.

OYSTERS.

While the supply of oysters now obtainable from our exhausted beds is diminishing, the demand for this luxury is increasing. But even higher prices have failed to produce any important increase in the quantity raked. But these stimulated efforts to meet the demand only reduces the prospect of any improvement. The Mediac, Richibucto and Buetoche beds, from which the largest supplies were formerly obtained, now scarce repay the labour of raking. With increased labour, the Miramichi beds have yielded less than last year. The Miramichi beds, which are not yet exhausted, are rapidly becoming so, in consequence of steady and indiscriminate raking during the whole open season, which comprises nine months of the year. If any inducement could be held out to private enterprise, and the system of oyster culture, which has long prevailed in the neighbouring States, could be introduced in this Province, I have no doubt that the capital and labour employed would reap a rich reward.

SYNOPSIS OF OVERSEERS' REPORTS.

RISTIGOUCHE COUNTY.

Overseer Verge, of the Upper Division, reports a decrease in the catch of salmon. He says: "On the New Brunswick side of the river the catch was only 45,731

lbs., against 78,660 lbs. last year—a decrease of 32,929 lbs. The Quebec side gave 36,856 lbs., against 63,543 lbs. last year—a decrease of 26,687 lbs. Mr. Verge accounts for this falling off by the presence of porpoises in the estuary, and by a heavy freshet during the fishing season. Unfortunately for this theory, the catch on the coast, below the estuary, shows a decrease from last year, which cannot be attributed to porpoises in the estuary; while the freshet, which would enable fish to pass the nets, would also make them plentiful in the river above, which was not the case, since the angling catch was less than half that of last year. The facts all point to the conclusion that there was a decrease in the number of fish from headwaters to Belledune, the county line of Gloucester.

Overseer McPherson, of the Coast Division, reports a decrease in the catch of salmon. He reports a new lobster factory, additional fishermen, and, of course, an increased catch, exceeding that of last year by 80,621 lbs. In his district mackerel were scarce and fishing very poor. Spring herring plentiful; but low prices kept the catch within the limits of home consumption and the supply of lobster bait; none were put up for shipment.

GLOUCESTER COUNTY.

Overseer Hickson says:—"Taking the season all through, it has been a fair one, and would have been better than an average year, had it not been for the almost continuous stormy weather. The salmon fishery on the coast has been fair. At Salmon Beach the catch has been larger than for some years; but the Madisco and Petit Rocher fishermen did very little. It is useless to theorize as to the cause of this; the plain and simple fact is, that the fish were not on the coast, and the reason is not far to seek. Fly fishing in Nepissiquit was good, and, as usual, there were almost as many anglers as fish." *Overseer Hickson* is of opinion that something should be done to give this river a rest. It is the source and nursery of the important salmon fishery on the coast, and he considers it wonderful that it stands the unceasing drain on its stock. He says: "A movement is on foot to get a portion of the river, or even a few of its pools, set apart for breeding purposes. There is no doubt that this would make a great improvement, both in the shore fishing and angling." The returns show a good catch of mackerel, made mostly by the traps under license, as the hook and line fishing was poor. The catch of herring was only fair. The lobster catch was large, and prices better for good brands. Cod fishing is one of the established industries of this county, but it is not pursued to that extent that profits would justify. It is likely that the Shippegan Railway, now under construction, will give a great impetus to this industry, as it will give fishermen at the lower end of the county a ready means to put their produce into new and better markets than they now have access to.

Overseer Haché, of Caraquet, reports about the usual catch of cod, herring, lobsters and oysters, though stormy weather interfered much with all these fisheries. Winter smelt fishing has been commenced in this district and, so far, has been a source of profitable employment, when such is much needed.

Overseer Cormier, of the herring banks, reports about an average catch of herring and cod. The regulations were well observed by vessels on the banks and good order has prevailed among the crews. He has, therefore, no breach of the law nor any fines to report.

Overseer Haché, of Shippegan, reports no marked improvement in the salmon fishery of his district, but he thinks the quality of the fish better than usual. Mackerel fishing was very poor in Shippegan, which he attributed to the seining practised by American and Nova Scotia vessels. The scarcity of this fish, which is largely used as bait, had a bad effect on the cod fishing in his district, the catch of which was below the average. Spring herring was abundant, and a larger quantity than usual was salted. Fall herring were scarce, which is attributed to the fishing schooners, with their large seines, breaking up the schools and preventing them from reaching their accustomed haunts inshore. Lobster fishing was vigorously pursued and the

catch greatly exceeded that of last year. Smelt fishing has become an important industry in Shippegan; but its great difficulty lies in the distance from markets. Smelts have to be hauled fifty miles to Bathurst, or seventy-five miles to Chatham, before they can be disposed of or shipped for export. The railroad will be a great benefit to this place.

Overseer Sewell, of Pokemouche, reports a decreased catch of salmon, and attributes the falling off to a succession of gales, which disturbed and injured the nets. The catch of mackerel was about the same as last year. With any spirit or enterprise in this district a most valuable business might be done. Mackerel are almost always plentiful during the summer, but the residents have neither suitable vessels or nets for their capture. Herring were very numerous; but for want of salt to cure them, not many were caught. There is a large increase in alewives and cod, but a decline in hake. Bass and smelt gave largely increased catches, but trout was short. Lobsters are largely in excess of last year, the quantity canned reaching 10,000 lbs. The total value of the catch in this district was \$38,787, being \$6,007 more than last year.

Overseer Mauzeirolles, of Tracadie, reports a good catch of cod, mackerel, alewives and smelt, but a poor catch of salmon. The quantity of lobsters canned largely exceeds that of last year.

NORTHUMBERLAND COUNTY.

Overseer Noble, of Escuminac district, reports a much better run of salmon than appeared in the river last year, and a favourable season enabled a much larger catch to be made. The catch of lobsters was also large, and preparations are being made to start new factories next season. Already are disputes arising about fishing grounds, and he urges the necessity of some regulations to control the fishing. Spring herring were plentiful, but the catch was almost entirely used for lobster bait.

Overseer Williston, of Bay du Vin district, reports all kinds of fish plentiful. The catch of salmon was exceptionally good, and the catch of alewives more numerous than for many years. Smelt and frost-fish were as plentiful as usual, and large catches of both were made. The scarcity of oysters in other places has caused large numbers of people from other places to resort to the beds of Bay du Vin, where the excessive and indiscriminate raking that has almost exterminated other beds now threatens the destruction of these. Overseers Noble and Williston urge that the regulations be made to protect the oysters in Bay du Vin.

Overseer Stymast, of Tabusintac district, reports an improvement in the catch of salmon as compared with last year. The catch of bass, alewives and smelt was good, but lobsters and cod were scarce.

Overseer Robichaud, of Neguac and Portage Island district, reports a good catch of salmon, which is the most important fishery in his district. Herring and mackerel are usually plentiful in the mouth of the river, and when pursued with any vigor, would give good returns. The catch was not large this year. Bass were not so plentiful as usual. In the early part of the season there was a good catch of lobsters, but as the summer advanced they became scarcer. The winter smelt fishery was largely pursued and gave good returns.

Grand Downs and Lower Newcastle Districts.—The death of Overseer Russell in the early part of the summer, left this district without an officer, and pending the appointment of his successor I placed it under the charge of Overseer Wyse, whose district it adjoins. He reports that he found Bartibog River in so bad a state that rigorous and severe measures were necessary to prevent illegal fishing. He had to employ a small steamboat to clear the channel of illegal nets, and hire special wardians to prevent others being set. After the appointment of wardens, several seizures were made, and a better state of things followed. The catch of salmon in the district was better than usual.

Overseer Wyse, of Napan and Chatham districts, reports an improved catch of salmon. Constant vigilance is still necessary to prevent illegal fishing for bass with

seines and bag nets, and a night watch employed for this purpose was found effective. Gaspereaux have become more plentiful since seines were abolished, but low prices did not encourage a vigorous prosecution of this fishery. The smelt business was, as usual, overdone, and glutted markets, with low prices, was the result. Overseer Wyse thinks that a shorter fishing season would remedy this state of things.

Overseer Hogan, of Newcastle and North Esk district, reports a much improved catch of salmon. Bass were fairly numerous, but the average size is growing smaller. The difficulty of preventing the catching and shipping of illegal fish increases. Dealers, whose true interests should lead them to assist the officers in enforcing the law, encourage poaching by buying the fish illegally caught. Overseer Hogan recommends that no nets be allowed above the flow of the tide, and that during the close season for salmon and bass the railway officials be instructed to receive no fish unless accompanied by the certificate of a fishery officer. I have made these recommendations the subjects of special reports.

Overseer Parker, of Derby, and *Overseer Holt*, of Blackville, have neglected to send me any report from their districts. My repeated requests have received no attention, not even the courtesy of a reply. I have been obliged to get returns of catch from other sources, which show that an improved catch of salmon has been made in both districts.

Overseer Bamford, of Blissfield, reports better catches of salmon and gaspereau. He says: "The principal abuses that exist in my district are spearing, drifting and setting nets across the stream. I would recommend that overseers be given smaller districts to protect, or have their pay increased to such an extent as will enable them to devote their whole time to the work." With such abuses as he describes—sufficient to exterminate every salmon that reaches his district—it must be admitted that the full time of many officers is needed to remove them, and that the present means of protecting the fish are wholly inadequate.

Overseer Freeze, of Doaktown, reports that in his district the catch has been as usual, without any improvement. This is the natural consequence of what Overseer Bamford describes, and nothing else could be expected. Mr. Freeze says: "During the low water of June and July, while there was a good run of salmon in the tidal waters, very few lived to reach my district. But, after a freshet in the latter part of July, there was a good run. It is the same old story—during low water—'no salmon'; after a freshet, sufficient to drown the nets below, 'plenty of fish.' As to the abuses existing in my district (the same as described by Overseer Bamford), I have so often reported them, and the difficulties of enforcing the Fisheries Act, that I need not here repeat them." Mr. Freeze has some original ideas about salmon protection, and though I do not agree with his commercial views, he would probably feel aggrieved if I were to suppress them. He says: "I am of opinion that the exportation of salmon to the United States should be prohibited. If they were held for Canadian markets alone they would not be so valuable, and excessive fishing would not be the rule, as it is now; consequently there would be more fish for those who would then be engaged in the business. The Canadian markets would then be better supplied at reasonable rates, and aside from the commercial value of the fish very great benefits would accrue in the value of fishing privileges for sportsmen. I am aware that there is an outcry and numerous complaints coming from those engaged in fishing down river, about the destruction of salmon on their spawning grounds; but I fail to see the difference between killing them on their way to the spawning grounds and killing them when they arrive there, provided it is not in spawning season. As matters now stand, all the fish that escape the nets in tidal waters are few indeed, compared with those that are taken at the mouth of the river and exported to the United States. In order that the ideas I have advanced may be better understood, I would refer you back twenty-five years. At that time salmon were not exported in such quantities as now; their value was not half what it is now; they were a common article of food in every house on this river. They were not much sought after, but being very plentiful, were caught with little labour or expense and those engaged in it did as well as they now do at more than double the price.

At the present time the high price of salmon is an incentive to poaching that did not formerly exist, and there are nearly as many nets as there are salmon to be caught, and five times the protection is needed to stop poaching."

Overseer Cameron, of Boiestown and Stanley, reports nothing more cheering. He says: "Salmon are getting scarcer every year, which I attribute to excessive fishing in the lower districts, and unless something is done to limit the net fishing below, salmon here will soon be a thing of the past, for the number of parent fish that reach the spawning ground above are yearly growing fewer. If net fishing were reduced in the tide-way and abolished entirely above tide-head, we would soon have fifty fish where we now have one." There is no doubt that *Overseer Cameron's* plan would soon make salmon as plentiful in his district as they were in the good old times described by *Mr. Freeze*.

KENT COUNTY.

Overseer Guimon, of St. Louis division, reports no improvement in the salmon catch. Herring fishing was good and a better catch than that of last year was made. Alewives were more plentiful, and the catch largely exceeds that of last year. Cod and hake show a decreased catch. Shad rather better, but bass not so good. Smelt fishing continues to increase, and gave good returns. Lobsters appeared to be as plentiful as ever, but the season was late and the quantity canned rather less than last year.

Overseer Hannah, of Richibucto district, reports a slight improvement in the salmon catch. Mackerel were plentiful, and some good hauls were made; but this fishery is not pursued with any vigor by our people, though American vessels are constantly fishing within sight of shore and making good fares. Lobsters were still in good numbers, but the size was smaller than usual. The quantity canned was very large, and exceeded that of last year. The catch of smelts was very large and fishermen got good prices. *Warden Harnett*, of the Upper River, reports bass scarce, but alewives very plentiful. The smelt fishing was good and the quantity caught large.

Overseer Girouard, of Buctouche district, reports a small catch of cod, mackerel and herring. Gaspereau were more plentiful than usual; but fishermen were not prepared to take advantage of the change. Lobsters were about as usual in numbers and size, and the catch an average one. Smelt fishing was more largely pursued, and the quantity caught very much exceeded that of last year. But few oysters were raised; the beds in the river and bay are now so exhausted that the quantity raised does not pay for the time and labour expended.

Overseer Cormier, of the lower districts, reports a good catch of spring herring and mackerel, and a large increase in the quantity of canned lobsters. Rather more oysters have been raised, as the high prices obtained have led to greater efforts on the beds. Smelt fishing was good, and fair prices were obtained for the large quantity caught. Alewives, bass and eels gave an increased catch.

WESTMORELAND COUNTY.

Overseer Deacon, of Shediac and Cape Tormentine district, reports as follows: "The catch of fish in this district has been good for all kinds. Mackerel were plentiful and of good quality; a much larger quantity than usual was caught. Herring were late in coming, but the quality was good and the catch large. A fair catch of bass was made with hook and line, and some were caught with nets. The catch of smelts exceeded that of any previous year; but the markets were over-stocked and prices low; consequently, dealers generally, made no money. Mild and soft weather caused the loss of large quantities. Were fishing deferred until 1st December, much of this waste would be avoided. There were sixteen lobster factories operating in the district, being four more than last year. The whole catch this year ran very small, scarce up to the standard of 9 inches. The season was very backward, few of the factories getting to work before the middle of June. It is most important that this fishery be put under the action of the Fisheries Act. While there are no means

of defining limits, it is impossible to place any restriction on the selfishness and cupidity of those canners and fishermen who seek their own profit without regard to the rights of others. As matters now stand, I find it impossible to prevent the canning of illegal fish. Even those packers who have a sincere desire to observe the law, say they do not know how soon some one will start a factory on grounds hitherto considered theirs. They have gone to large expense in building and furnishing their factories, and have, in many cases, bought out other factories, for the sake of the grounds attached to them, and they ask to be protected in their rights. Until this reasonable protection is given to canners, they will have no interest in the protection of the fish, and no motive to respect the law when they can evade it. Although the oyster beds in Westmoreland are now nearly exhausted, and but little raked in the legal season, the high price paid for them in the close season induces numbers of people to evade the law in every possible way; and I have reason to believe that most of the raking is now done when, by law, it is illegal. Much of my time and labor are given to the detection of this, but I find I am unable to prevent it entirely.

Overseer Goodwin, of Bay Verte and Sackville district, reports a stormy season with prevailing boisterous weather, which impeded the operations of fishermen. Herring were so plentiful that, even under these unfavorable conditions, a better catch than usual was made. Mackerel were plentiful and of good quality, but only a small catch was made, owing to want of energy and enterprise on the part of our people. The catch of alewives was about the same as last year. A new lobster factory has been started in this district, on the Nova Scotia shore, and promises to be successful. Preparations are being made for more extensive operations next season. Shad fishing at Sackville was somewhat better than last year; but over-fishing prevents any marked improvement. Smelt and bass fishing was commenced last winter in the Tidnish River, with good results. As this fishing was mostly done in the Nova Scotia part of the river, returns and details have been sent to the inspector for that Province.

Overseer Cormier, of Dorchester Bay district, reports herring more plentiful, but shad scarcer than last year. He attributes the falling off in shad to over-fishing. At the beginning of the season, the number of boats and the great length of net employed in drifting, keep the fish off the feeding grounds. He urges that a regulation be made, prohibiting fishing until the 24th June, and restricting each boat to 200 fathoms of net, so that the main run of fish may reach their feeding places. This regulation will reduce the present excessive fishing and meet the wishes of the great majority of shad fishermen in this district.

ALBERT COUNTY.

Overseer Stewart reports no observable change in his district. About an average catch of all kinds of fish was made, which was used entirely for home consumption. The fishing done in this county is not extensive, but it is of great importance to the resident population who depend on it for their domestic supply.

VICTORIA COUNTY.

Overseer Ryan reports a fair run of salmon in the Tobique. As usual, the great trouble to be met on this river is the spear of both Indians and settlers. The special guardian employed by Mr. Ryan did much to lessen the evil, but to prevent entirely more assistance is needed, and guardians should be on the river not later than 1st July.

CARLETON COUNTY.

Overseer Lindsay, of the upper district, reports a better run of salmon, and after the close season these were well protected. He reports but one attempt at illegal fishing, and this was frustrated. During the open season 50 salmon were taken by the rod and not less than 1200 lbs of trout.

Overseer Burt, of the lower district, reports a poor run of salmon, of which very few were caught. But few nets are now used in this part of the river, and those that are set do not pay for the labor of attending them. The lumber interest and the numerous mills in this county have almost drawn attention from fishing.

Warden Scott, at Eel River, reports a better run of salmon and more fish caught than in any season for the last three years.

YORK COUNTY.

Overseer Orr, reports a poor catch of salmon, but a great improvement in bass and whitefish. For the latter there is no close time yet fixed, and large numbers of gravid fish are taken. Mr. Orr urges that their capture, after 30th September, be prohibited, in order to protect the spawning fish. He reports much illegal fishing in the South-West Miramichi, both below and above the portion comprised in his district. He again urges the employment of special guardians to camp on the river and give their whole attention to its protection. He also recommends that the close season for angling should be made to commence at the end of the legal netting season, 5th August. Under the pretence of angling, much illegal fishing is done by poachers, after that date, when sportsmen have left the river.

SUNBURY COUNTY.

Overseer Hoben reports a poor catch of salmon and alewives, but a largely increased catch of shad and bass. The fish for which, a few years ago, there was no demand and no inducement to catch—pickerel, pike and eels—have come to be of considerable importance. They are especially plentiful in that part of the St. John which runs through Sunbury and Queen's counties, and the business of catching them for export has grown into considerable importance. Not less than 60,000 lbs. of pickerel, 5,000 lbs. of perch and 11,000 lbs. of eels have been sent from these counties this season. No sturgeons reached Sunbury County this season; they were all caught in the lower part of the river.

QUEEN'S COUNTY.

Overseer Hetherington reports a better run of salmon than last year. Shad and alewives were also more numerous. Pickerel, perch and eels were caught in large quantities, for export to American markets, where they find a ready sale at paying prices. Mr. Hetherington again urges that drifting nets for shad and alewives in the narrow approaches to Washademoak and Grand lakes should be strictly prohibited, as they prevent the fish from getting to their spawning places.

Warden Phillips, of Canaan River, reports a good run of shad, and later in the season, after the nets were up, a nice run of late salmon. If these fish which, for the last two years, have got safely into Canaan River, were allowed to reach their spawning beds, and could there be protected from the poacher, good hopes might be entertained of seeing this nice river re-stocked. But where all the settlers consider it a part of their religion to kill a salmon whenever and wherever seen, these hopes, under the circumstances, will be disappointed.

KING'S COUNTY.

Overseer Belyea, of Westfield and Belleisle district, reports a better catch of salmon than last year. Bass, shad and gaspereau were about the same as last year, the catch, perhaps, somewhat better. Sturgeons were very scarce, and the summer's fishing the worst yet known. Mr. Belyea is now forced to the opinion that overfishing has caused the falling off. The last five years' experience having shown that his fishery cannot be commenced earlier than the second week in June, he thinks that fishing might be allowed until 15th September.

Overseer Gosline, of Kenebecasis River and tributaries, reports a much improved run of shad and more salmon than usual. The water was favorable for their ascent as the unusually wet summer kept the river full. Some sturgeons were caught in the lower reaches of the river, and pickerel and perch are becoming plentiful, though not much used by our people. Their catch for export, now that this business is extending, would afford profitable employment, if followed with any energy.

ST. JOHN COUNTY.

Overseer O'Brien, of the Harbour and Lepreau district, reports as follows: "There was a decided improvement in the catch of salmon as compared with that of last year. The catch of alewives was better, owing, no doubt, to favorable conditions for this fishing. Shad also, were more plentiful apparently, for the catch was considerably better. Our fishermen were much disappointed at the small catch of herring during the winter. For two previous winters fish were very plentiful, and good profits were realized from the large catches made; but from some unknown cause the schools did not come in as formerly. The catch during the summer, however, was almost without precedent—in many instances nets being literally carried away by the numbers of fish striking them. The demand, however, was limited and prices very low. There was a large increase in the catch of lobsters this season, in consequence of the ready sale made to American luggers; the prices obtained gave a great stimulus to this fishery, which heretofore has only supplied the small local demand. In enforcing the close time I have found great difficulty. A number of offenders were prosecuted and fines imposed; but appeals were made on the question of jurisdiction. If convicted under the Fisheries Act its application to the harbour of St. John was denied. If under the corporation by-laws, it was contended that the corporation has no jurisdiction in matters affecting the fisheries. These appeals are not yet decided.

Overseer Skillen, of St. Martin's district, reports as follows: "I have little of importance to report. The catch of herring is below the average; other kinds of fish about the same as last year. The low price of herring during the summer offered no inducement for fishermen to pursue them in this district. Pollack were plentiful, but were not fished for with much vigor—low prices the cause. I fixed the limits of spawning ground under Order in Council of 29th May, between Split Rock and Roger's Head, and had very little difficulty in protecting these limits. What the difficulty may be when the usual fleet of vessels visit these waters in spawning time, remains to be seen. The fish-way in Salmon River dam has been kept in good order and open for the passage of fish. But one complaint has been made with reference to mill-refuse, and the prosecution is now pending.

CHARLOTTE COUNTY.

Overseer Todd, of St. Croix district, reports that the catch of fish was larger than that of last year, but the price of small herring was low. The protection of salmon in the St. Croix River, and especially on their spawning beds, to which *Overseer Todd* has devoted much time and labour, is now showing good results. He says: "Salmon were numerous, and for the first time in many years several have been taken with rod and line." If due protection is afforded at the head of tide, and the spawning beds saved from poachers, there is now every reason to believe that the river may be re-stocked. The fish-ways are in good order and effective. A new one has been built in Broads' dam, on Denis stream, and I found it necessary, during the run of alewives to place a guardian at this point, to look after poachers, who were trying to prevent the passage of fish.

Overseer Cunningham, of St. Andrew's Bay, reports that herring did not come into the bay last winter in any considerable numbers, and the fleet of vessels which usually fish here was obliged to seek fares in other waters. Small herring did not come until late in July; but the demand was dull, owing to depression in the sardine

business at Eastport. Herring for sardines were plentiful in August and September, but low prices for all kinds of fish prevailed. Lobsters were about as usual. Although the factory has been closed, the demand was good and large shipments were made to Boston and other American markets. Overseer Cunningham strongly urges that no seine fishing be allowed in St. Andrew's Bay, as the practice leads to great waste.

Overseer Best, of Beaver Harbour, reports a decrease in the catch of cod, haddock, and hake, but a large increase in herrings. The small demand for sardines led to the smoking of a larger quantity than usual in this district. Lobsters were very plentiful, and the demand for American markets better than usual.

Overseer Lord, of La Tête and Deer Island, reports as follows: "The year now drawing to a close leaves the fishing industry in this district in anything but a satisfactory condition. The catch of line fish has not been more than half the quantity landed in 1883, with the single exception of pollack, in which there has been a slight increase. To make matters worse, prices for all kinds of fish have been very low. Sardines, on which a great many of our people have come to depend, the catch has fallen off greatly, with prices lower than when the business was in its infancy. This depression in the sardine business, and the low price of smoked herring, has been extremely hard on weir owners, some of whom have not made enough to pay for repairing their weirs. Nearly as many herring have been smoked this season, but for these, prices have ruled low. The quantity of frozen herring packed was much short of last year's catch; the fish did not, as usual, come to our shores, and nearly the whole catch was made in Grand Manan. The quantity of oil produced is below the average, as would naturally be the case with a small catch of fish. Taken altogether, this has been the hardest year for our fishermen that has been experienced for a long time, and the prospect at present is not very bright."

Overseer Brown, of Campo Bello, reports a similar decrease in the catch of all kinds of line fish. But the herring fishery has been better, and had prices ruled higher, the season's yield would have reached a fair average.

Overseer McLaughlin, of Grand Manan, reports as follows: "In closing the season's turn of catch so much earlier than usual, the yield of nearly two months of the best fishing will not appear, and the catch of line fish, as compared with last year, will show a decrease more apparent than real. But the catch of herring in these waters is marvellous, having more than doubled since weirs have been under license. More than 1,000,000 boxes of smoked herring have been shipped from the island this season. The shipment of frozen herring has also been immense, and though prices have been low, the results of the year's work have not been unsatisfactory. There are no abuses in my district to report, nor any breach of the law. The several past seasons have been well observed, and fishermen display an orderly and law-abiding spirit."

I have the honor to be, Sir,

Your obedient servant,

W. H. VENNING,

Inspector of Fisheries, N. B.

DISTRICT.	KINDS OF FISH.												FISH PRODUCTS.				VALUE.			
	Alewives, barrels.	Cod, cwt.	Hake, cwt.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Shad, barrels.	Bass, lbs.	Trout, lbs.	Squid, barrels.	Flounders, lbs.	Smelt, lbs.	Eels, barrels.	Oysters, barrels.	Lobsters, tons.	Lobsters, cans.		Fish Oil, gallons.	Fish used as bait, barrels.	Fish used as manure, barrels.
<i>Ristigouche.</i>	2000	.....	.....	.....	.....	.....	.....	.....	.....

Totals.....	2000	.....	.....	.....	.....	.....	.....	.....	.....
<i>Gloucester.</i>

Petit Rocher.....	1500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bathurst.....	2000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Bandon.....	4000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Caraget.....	8500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Grand Anse.....	1500	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shipigan.....	10300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pokemouche.....	1358	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tracadie.....	927	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	30085	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

From Tide Head to
Dalhousie.....
From Dalhousie to
Belledune.....
Totals.....

Gloucester.

Petit Rocher.....
Bathurst.....
New Bandon.....
Caraget.....
Grand Anse.....
Shipigan.....
Pokemouche.....
Tracadie.....

Totals.....

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, &c.—New Brunswick—Continued.

District.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.						KINDS OF FISH.					
	Vessels.			Boats.			Nets.		Weirs.		Smelt Nets.		Lobster Traps.		Herring, barrels.	Herring, smoked, in boxes.	Alewives, barrels.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	Fathoms.	Value.	No.	Value.	No.	Value.	No.				Value.
Northumberland.																		
Point Escuminac to Bay du Vin....	2	20	500	4	80	800	120	10000	2560	...	27	540	2600	2600	...	...	...
Tabusintac to Grand Downs.....	6	45	1050	19	100	3000	200	11234	3370	...	51	1530	3098	3098	...	...	...
Tabusintac Bay and River.....	...	...	...	16	480	32	1409	1409	...	...	89	2670	3100	3100	...	...	...
Hardwicke to Glenelg.....	3	62	1800	16	76	364	106	7000	1750	...	96	2400	...	...	...	...	...
Bay du Vin to Beaubair's Island..	...	...	...	120	2400	240	5863	1750	...	...	298	10000	...	...	...	...	...
Newcastle and North Esk.....	...	...	...	35	525	76	3272	2355	...	...	...	...	...	...	...	...	...
Derby.....	...	...	...	40	600	80	1995	650	...	...	...	...	...	...	...	...	...
Blackville.....	...	...	...	30	450	60	1200	600	...	...	...	...	...	...	...	...	...
Blissville.....	...	...	...	...	...	...	300	200	...	...	...	...	...	...	...	...	...
Doaktown to Boiestown.....	...	...	...	...	...	...	400	200	...	...	...	...	...	...	...	...	...
Boiestown to Head Waters.....	...	...	...	...	...	...	240	120	...	...	...	...	...	...	...	...	...
Totals.....	11	127	3350	39	497	8619	914	42893	11904	...	561	17140	8798	8798	40	363370	600	
Kent.																		
Eel River to Kouchibouquais.....	2	27	700	8	125	3890	261	7025	6125	...	70	1900	9000	9000	...	...	250
Kouchibouquais to Chockfish.....	21	420	10500	105	146	4380	438	6440	5152	...	177	7080	8950	8950	...	...	220
Richibucto River and Branches...	...	...	...	25	500	50	1000	500	...	...	...	...	...	...	...	...	876
Buctouche Bay and River.....	1	10	500	6	107	2240	346	6241	2151	119	63	1890	3959	3959	15	...	347	
Cocagne.....	...	...	...	270	5400	540	14000	7000	...	...	31	620	4825	4825	...	...	100
Totals.....	24	457	11700	119	673	16410	1636	34706	20928	119	1125	341	11490	26734	15	54000	2500	
															1683	17500	11374	
																	1793	

DISTRICT.	KINDS OF FISH.															FISH PRODUCTS.			VALUE.					
	Cod, cwt.	Cod Tongues and Sounds, brls.	Hake, cwt.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Sturgeon, lbs.	Shad, barrels	Bass, lbs.	Trout, lbs.	Frost Fish, lbs.	Flounders, lbs.	Smelt, lbs.	Perch, lbs.	Eels, brls	Oysters, brls.	Lobsters, tons.	Lobsters, cans.		Fish Oil, gallons.	Fish used as bait, barrels.	Fish used as manure, barrels.	\$	cts.
Northumberland.	200	5000	37050	600	156000	650	49,515	00
	1050	.....	50	.....	.....	.....	.....	.....	21000	1000	.....	.....	14837	.....	25	.....	.....	48100	200	1000	800	51,257	72
	.....	.....	.....	.....	.....	.....	.....	.....	3000	2000	.....	.....	318830	.....	20	200	.....	110000	.....	850	20	41,274	80
	.....	.....	.....	.....	.....	.....	.....	50	10000	.....	10000	2000	191641	.....	.....	1000	.....	.....	.....	.....	100	27,484	46
	.....	.....	.....	.....	.....	.....	.....	10	7000	500	62500	1000	700000	.....	.....	91000	.....	.....	.....	.....	1000	62,321	00
	.....	.....	.....	.....	.....	.....	250	11	103000	3000	.....	.....	2960	.....	15	.....	.....	.....	.....	.....	.....	21,795	60
	.....	.....	.....	.....	.....	.....	.....	.....	.....	4000	.....	.....	150000	.....	.....	.....	.....	.....	.....	.....	.....	12,440	00
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	170000	.....	.....	.....	.....	.....	.....	.....	.....	12,676	00
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,202	00
	3000	1,840	00
Totals	1250	.....	50	.....	.....	.....	250	81	149000	13500	635000	3000	1715268	.....	69	2800	.....	314100	200	2500	1920	281,886	58
Kent.	145	240	140	30	60000	3000	360000	3000	160	475	370000	200	5500	111,431	25
	450	20	250	600	2500	15	15000	3500	10000	16000	1114000	3000	150	320	700000	240	3600	210,046	50
	700	1000	346	150	7,170	00
	.....	.....	.....	.....	.....	.....	.....	.....	6050	1050	400	60646	284677	.....	97	1446	92	177318	41	1705	92	67,683	93
	65	.....	11	52	.....	.....	.....	.....	3500	700	2000	.....	66815	.....	55	1500	15	376640	55	3500	200	101,563	65
Totals	721	20	531	792	45	2500	.....	45	84550	5950	12400	79646	1825492	7000	908	3891	107	1623958	536	14305	292	497,895	33

District.	Kinds of Fish.													Fish Products.			Value.						
	Alewives, brls.	Cod, cwt.	Pollock, cwt.	Hake, cwt.	Haddock, cwt.	Halibut, lbs.	Sturgeon, lbs.	Shad, barrels.	Bas, lbs.	Trout, lbs.	Frost Fish, lbs.	Flounders, lbs.	Smelt, lbs.	Pickarel, lbs.	Bels, barrels.	Oysters, barrels.		Lobsters, tons.	Lobsters, cans.	Fish Oil, gallons.	Fish used as bait, barrels.	Fish used as manure, barrels.	
Westmoreland.																							
Shediac and Botsford	8000	3500	3000	2500	481400	.....	170	300	75	747024	.....	2500	2000	216,892 60	
Bate Verte and Sackville	200	.....	.....	.....	.....	.....	.....	275	14000	1000	4000	.....	20000	.....	15	.....	4	.....	20	2000	.....	13,065 00
Dover	10	.....	12	15	.....	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60	.....	3	586 00	
Gautreau	525	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,902 00	
Pré d'en haut	275	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25	.....	.....	2,667 00	
Belliveau	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	716 00	
Dorchester	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	184 00	
Dorchester Cape	80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	640 00	
Rockport and Wood Point.....	144	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,152 00	
Totals	200	10	10	12	15	.....	.....	1429	22000	4500	7000	2500	501400	.....	185	300	79	747024	115	4503	2000	240,704 60
Albert.																							
Hopewell Point to Wolf River.....	6	.....	24	.....	.....	.....	250	.....	1000	.....	.....	.....	.....	.....	.....	.....	.....	35	.....	.....	3,404 50	
Victoria.																							
Grand Falls to Carleton Co. Line.	50	.....	2000	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	1,485 00	
Carleton.																							
Carleton Co. Line to York Co. Line	125	.....	8343	.....	.....	.....	.....	1670	6	.....	.....	.....	.....	.....	3,154 78	
Head Waters of Miramichi.....	12000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,220 00	
Totals	125	.....	20343	.....	.....	.....	.....	1670	6	.....	.....	.....	.....	.....	4,374 78	

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, &c.—New Brunswick—Continued.

District.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.							
	Vessels.			Boats.			Nets.		Weirs.		Smelt Nets.		Lobster Traps.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.	No.	Value.	No.	Value.	No.	Value.
<i>York.</i>			\$		75	\$ 1500	3000	\$ 1500		\$		\$		\$
York Co. Line to Sunbury Co. Line.....														6000
<i>Sunbury.</i>														
French Lake, Oromocto.....					10	100	400	160						
Mouth Oromocto.....					6	6	200	100						
Barton Vicinity.....					10	10	400	200						
Maquapit Lake and Sheffield.....					30	300	1200	600						
Porto Bello.....					10	100	300	150						
Sheffield.....					11	110	300	150						200
Maugerville.....					6	60	150	100						50
Upper Gagetown.....					15	150	300	200						50
Lower Gagetown and Mouth Canal.....					16	100	406	200						
Oromocto River.....					15	150	400	200						
Totals.....				268	129	1230	4150	2060						300
<i>Queen's.</i>														
Washademoak Lake.....					20	200	7000	3500						
Canaan River.....					20	400	300	160						
Totals.....				80	40	600	7300	3660						

DISTRICT.	KINDS OF FISH.											FISH PRODUCTS.				VALUE.			
	Herring, barrels.	Alewives, barrels.	Cod, cwt.	Hake, cwt.	Haddock, cwt.	Halibut, lbs.	Sturgeon, lbs.	Shad, barrels.	Bas, lbs.	Trout, lbs.	Pickarel, lbs.	Perch, barrels.	Beils, barrels.	Fish Oil, gallons.	Fish Roes, barrels.		Fish Guano, tons.	Fish used as man-ure, barrels.	
YORK.	York Co. Line to Sunbury Co. Line.....							40	2000	3000	2000	1500	15					\$	
																		2,165 00	
	Sunbury.	French Lake, Oromocto.....	108							1000		13000	500	12					1,410 00
		Mouth Oromocto.....	11						40	1000		1000							484 00
		Burton Vicinity.....	10						41	1000									428 00
		Maquapit Lake and Sheffield.....	200						10	1000		32000		12					2,968 00
		Porto Bello.....	100							1000		1000							520 00
		Sheffield.....							35	1000									380 00
		Maugerville.....	10						10	500									160 00
		Upper Gagetown.....							35										290 00
Lower Gagetown and Mouth Canal.....		10						52	1000									516 00	
Oromocto River.....	50							1000		2000							380 00		
Totals.....							223	8500		49000	500	24					7,536 00		
Queen's.		499																	
	Washademoak Lake.....	400						450	1500	400	20000	2000	20					6,814 00	
	Canaan River.....	80						140			1500	1000						1,690 00	
	Totals.....	480						590	1500	400	21500	3000	20					8,404 00	

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, &c.—New Brunswick—Continued.

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.				KINDS OF FISH.									
	Vessels.			Boats.			Nets.		Weirs.		Lobster Traps.		Mackerel, barrels.	Herring, barrels.	Herring, frozen, number.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Scales, barrels.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.	No.	Value.	No.	Value.								
Kings.	Westfield and Belle Isle. ....	...	...	...	68	\$ 620	73	5500	17100	...	...	...	10272	...	...	...	447	...	...
	Kennebecasis & Smith's Creek	...	...	...	10	200	20	...	...	...	...	...	10272	...	...	...	80	...	...
	Totals.....	...	...	...	78	820	93	5500	17100	...	...	...	...	...	...	...	527	...	...
	St. John.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Point Wolfe to Cape Spencer... Quaco Head to Lepreaux, in- cluding St. John Harbour....	8	190	1400	35	18	350	40	900	1800	3	270	145	145	14	900	...	...	1500	...
Charlotte.	Totals.....	38	690	11400	155	278	6850	540	100900	71800	35	10270	1145	190000	14	30900	250000	18436	3500	50
	St. Croix .....	...	...	...	32	2080	96	140	84	5	200	...	...	4800	90	320	...	550	75	...
	Inner Bay of Passamaquoddy... Lepreaux, Beaver Harbour and Back Bay	15	232	8000	75	3800	150	8000	2000	12	600	700	350	300	...	2100	1830000	10	1140	9
	Deer Island	24	340	1400	116	80	2000	160	22000	11000	29	4700	1000	1000	...	15000	600000	...	4000	60
	Campobello	24	375	12400	120	240	16800	360	15000	10000	75	37500	800	800	...	400	1500000	...	600	...
Totals.	Grand Manan	18	...	8650	99	...	3909	217	11828	6690	35	17500	477	295	...	1658	271500	...	705	...
	Totals.....	10	200	5000	60	460	40000	480	27000	13500	39	10000	1000	1000	10	10000	5000000	...	9000	7
	Totals.....	91	1147	35510	470	882	68539	1463	83968	43274	195	70500	3977	3445	100	29478	14601500	560	15520	76

Return showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, on NEW BRUNSWICK

DISTRICT.	KINDS OF FISH.													FISH PRODUCTS.					VALUE.				
	Pollock, cwt.	Hake, cwt.	Hake Sounds, lbs.	Haddock, cwt.	Halibut, lbs.	Sturgeon, lbs.	Shad, barrels.	Bas, lbs.	Trout, lbs.	Frost Fish, lbs.	Squid, barrels.	Flounders, lbs.	Smelt, lbs.	Pickarel, lbs.	Beis, barrels.	Sardines, bds.	Lobsters, tons.	Fish Oil, gallons.		Fish Hoes, barrels.	Fish Guano, tons.	Fish used as bait, barrels.	Fish used as manure, barrels.
King's.						60480	78 5000							54400	29				440	18			
		45				3700	70	4000							12								
		45				64180	148 5000	4000							54400	41			440	18			
Totals.....																							
St. John.	900	55		500	2500		18											18	90				
	1000	100	500	2000	1000		1250	1000							40		100	1000				100	100
	1900	1050	500	2500	3500		1263	1000							40		118	1090				100	100
Totals.....																							
Charlotte.				175					8000	1000			4500	2000									
		2000	2000	500	8700				1500	2000								60				90	100
												1000											
	2000	17000	17000	6000													30000	100	15000		2500	1000	125
	1500	2500	3300	1000													2300	30	4000		70		
	3533	540	648	902													300	114	2480		145	90	180
	6000	6000	6300	3500	12000					1000	10	4000					500	600	20000		100	4000	3000
	14833	28040	28948	12077	20700				4500	4000	483	5000	4500		2000		36788	904	42330		2905	5190	4205
Totals.....																							

RECAPITULATION showing the Quantity and Value of Fishing Material, &c.—New Brunswick.

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.					
	Vessels.			Boats.			Nets.		Weirs.		Smelt Nets.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	Fathoms.	Value.	No.	Value.	No.
Ristigouche	1	14	200	3	121	1,382	223	20,099	14,085	.....	.....	.....
Gloucester.....	49	1,019	21,950	182	903	53,667	2,074	52,817	39,820	.....	.....	2,800
Northumberland	11	127	3,350	39	497	8,619	914	42,893	14,904	.....	3,543	47,530
Kent.....	24	457	11,700	119	673	16,410	1,635	34,706	20,928	119	1,125	8,798
Westmoreland .....	.....	.....	.....	.....	686	10,762	1,127	26,150	12,720	.....	1,490	26,734
Albert.....	.....	.....	.....	.....	8	400	16	700	373	4	160	15,000
Victoria .....	.....	.....	.....	.....	20	800	40	1,500	750	.....	.....	.....
Carleton.....	.....	.....	.....	.....	50	400	100	1,000	500	25	35	.....
York.....	.....	.....	.....	.....	75	1,500	150	3,000	1,500	.....	.....	.....
Sunbury .....	.....	.....	.....	.....	129	1,230	268	4,150	2,060	.....	.....	.....
Queens .....	.....	.....	.....	.....	40	600	80	7,300	3,660	.....	.....	.....
Kings .....	.....	.....	.....	.....	78	820	93	5,500	17,100	.....	.....	.....
St. John.....	38	630	11,400	155	278	6,850	540	100,900	71,800	35	10,270	1,145
Charlotte.....	91	1,147	35,510	470	882	68,589	1,463	83,968	43,274	195	70,500	3,977
Totals.....	214	3,454	83,110	968	4,440	174,029	7,708	384,683	243,474	378	82,305	105,994
											33,698	104,052

KINDS OF FISH.

District.	Salmon, barrels.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Herring, frozen, number.	Herring, smoked, in boxes.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sunda, barrels.	Pollock, cwt.	Hake, cwt.	Hake, Sunda, lbs.	Haddock, cwt.	Hallbut, lbs.	Sturgeon, lbs.	Shad, barrels.	Bass, lbs.
Ristigouche	165,147	6,158	2,794	2,02	65,697	22,766	.....	100	1,148	30,085	.....	.....	1,090	2,212	742	15,750	.....	56	24,600
Gloucester	265,834	2,794	2,794	2,218	.....	2,200	.....	600	1,176	1,250	.....	.....	.....	.....	.....	.....	250	81	149,000
Northumberland	363,370	2,500	2,500	1,683	17,500	11,274	.....	.....	1,793	721	20	.....	531	792	45	2,500	.....	45	84,500
Kent	54,000	6,950	.....	1,540	12,000	13,050	.....	3,100	200	.....	.....	10	.....	.....	15	.....	.....	1,49	22,000
Westmoreland .....	.....	.....	.....	.....	.....	237	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	250	.....
Albert	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....
Victoria	40	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125	.....
Carleton	10,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	200
York	6,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22	8,500
Sunbury	300	.....	.....	.....	.....	.....	.....	.....	499	.....	.....	.....	.....	.....	.....	.....	.....	19	1,500
Queen's .....	.....	.....	.....	.....	.....	.....	.....	.....	480	.....	.....	.....	.....	.....	.....	.....	64,180	118	6,000
King's	10,272	.....	.....	.....	.....	.....	.....	.....	527	.....	.....	.....	45	.....	.....	.....	.....	1,268	.....
St. John	199,000	.....	.....	14	.....	30,900	250,000	25,000	18,436	3,500	50	1,90	1,050	500	2,500	3,500	.....	.....	.....
Charlotte	5,100	.....	.....	100	.....	29,478	14,601,500	1,765,400	560	15,520	76	14,833	28,040	28,948	12,077	20,700	.....	.....	.....
Totals	107	1,077,983	11,362	5,657	95,197	109,905	14,851,500	1,794,400	24,816	51,082	146	16,743	30,842	32,452	15,397	42,450	64,430	4,305	298,150

RECAPITULATION showing the Quantity and Value of Fishing Material, &c.—New Brunswick—Concluded.

DISTRICT.	KINDS OF FISH.										FISH PRODUCTS.					VALUE.		
	Trout, lbs.	Frost Fish, lbs.	Squid, barrels.	Flounders, lbs.	Smelt, lbs.	Pickarel, lbs.	Perch, lbs.	Hels, barrels.	Sardines, hds.	Oysters, barrels.	LOBSTERS, tons.	LOBSTERS, cans.	Fish Oil, gallons.	Fish Roes, barrels.	Fish Guano, tons.		Fish used as bait, barrels.	Fish used as manure, barrels.
Ristigouche.....	11,750	.....	10	2,000	2,000	.....	.....	.....	.....	4,560	501	162,516	.....	.....	.....	700	300	\$ 59,958 40
Gloucester.....	13,500	635,000	.....	2,000	1,752,900	.....	.....	220	.....	4,860	.....	2,814,474	9,211	.....	.....	10,586	15,480	908,553 60
Northumberland.....	.....	.....	.....	3,000	1,715,268	.....	.....	69	.....	2,800	.....	314,100	200	.....	.....	2,500	1,920	281,886 58
Kent.....	5,950	12,400	.....	79,646	1,825,492	7,000	.....	808	.....	3,891	107	1,623,958	536	.....	.....	14,305	293	497,895 33
Westmoreland...	4,500	7,000	.....	2,500	501,400	.....	.....	185	.....	300	79	747,024	118	.....	.....	4,503	2,000	240,704 60
Albert.....	1,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	35	.....	.....	.....	.....	3,404 50
Victoria.....	2,000	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,485 00
Carleton.....	20,343	.....	.....	.....	.....	1,670	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,374 78
York.....	3,000	.....	.....	.....	.....	2,000	1,500	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,165 00
Sunbury.....	.....	.....	.....	.....	.....	49,000	500	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	7,536 00
Queen's.....	400	.....	.....	.....	.....	21,500	3,000	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,404 00
King's.....	4,000	.....	.....	.....	.....	54,400	.....	41	.....	.....	.....	.....	440	18	.....	.....	.....	13,863 70
St. John.....	.....	.....	.....	.....	.....	.....	.....	40	.....	.....	118	.....	1,090	.....	.....	100	100	293,202 00
Charlotte.....	4,500	4,000	483	5,000	4,500	2,000	.....	.....	35,788	.....	904	.....	42,330	.....	2,905	5,190	4,306	1,407,020 50
Totals.....	70,943	658,400	493	92,146	5,801,560	130,570	12,000	1,433	35,788	11,851	1,709	5,662,072	53,957	18	2,905	37,883	24,397	3,730,453 99

SCAPITULATION of the Yield and Value of the Fisheries of New Brunswick, during the Year 1884.

Kinds of Fish.	Quantities.	Prices.		Value.	
		\$	cts.	\$	cts.
Mon, pickled	brls. 107	18	00	1,926	00
do fresh, in ice.....	lbs. 1,077,983	0	20	215,596	60
do in cans.....	" 11,362	0	20	2,272	40
ckerel	brls. 5,657	10	00	56,570	00
do in cans.....	cans. 95,197	0	15	14,279	55
ring.....	brls. 109,905	4	00	439,620	00
do frozen, number, @ 60.....	per 100. 14,851,500	0	60	89,109	00
do smoked	boxes 1,794,400	0	25	448,600	00
ewives	brls. 24,816	4	00	99,264	00
od.....	cwt. 51,082	4	25	217,089	50
od Tongues and Sounds.....	brls. 146	7	00	1,022	00
lock.....	cwt. 16,743	3	50	58,600	50
ke.....	" 30,842	3	50	107,947	00
ake Sounds	lbs. 32,452	1	00	32,452	00
addock.....	cwt. 15,379	3	50	53,826	50
libut.....	lbs. 42,450	0	06	2,547	00
urgeon.....	" 64,430	0	06	3,865	80
ad.....	brls. 4,305	8	00	34,440	00
ss.....	lbs. 298,150	0	06	17,889	00
out	" 70,943	0	06	4,256	58
ost Fish.....	" 658,400	0	02	13,168	00
uid.....	brls. 493	4	00	1,972	00
ounders	lbs. 92,146	0	06	5,528	76
nelt.....	" 5,801,560	0	06	348,093	60
ckerel.....	" 130,570	0	06	7,824	20
rch.....	" 12,000	0	06	720	00
els	brls. 1,433	9	00	12,897	00
ardines.....	hds. 35,788	10	00	357,880	00
ysters.....	brls. 11,851	3	00	35,553	00
obsters, fresh.....	tons. 1,709	30	00	51,270	00
do preserved.....	cans. 5,662,072	0	15	849,310	80
ish Oil.....	galls. 53,957	0	60	32,374	20
ish Roes.....	brls. 18	4	00	72	00
ish Guano.....	tons. 2,905	15	00	43,575	00
ish used as bait.....	brls. 37,883	1	50	56,824	50
ish used as manure.....	" 24,397	0	50	12,198	50
Total, 1884				3,730,453	99
do 1883				3,185,674	88
Increase.....				544,779	11

No. 4.

QUEBEC.

REPORT OF THE FISHERY OFFICER IN CHARGE OF THE GOVERNMENT VESSEL "LA CANADIENNE," ENGAGED IN THE PROTECTION OF THE GULF FISHERIES FOR THE YEAR 1884.

GASPÉ, 31st December, 1884.

The Honorable A. W. McLELAN,
Minister of Marine and Fisheries, Ottawa:

SIR,—I beg herewith to forward my report on the Fisheries of the Gulf Division for the season just closed, together with synopses of the reports of the various local fishery overseers, and statistical returns for each of the three counties forming the Gulf Division. These returns show a considerable falling off, especially in the catch of cod fish on the north shore, and salmon on the south shore.

COD

This fishery shows a decrease of 46,932 cwts. as compared with 1883. At Percé, the principle cod fishing station on the south shore, and usually one of the earliest, the fishery only began about the 10th of June. In the Bay des Chaleurs, all fishing operations were delayed by the ice, which only disappeared by the end of May. We had no really heavy gales until towards the close of the fall fishing in November, but the wind prevailed steadily from the eastward throughout the season, and during July especially. This necessitated keeping the boats ashore during the very height of the season. On the north shore the same trouble existed, and the boats were in harbour fully half the season. The greatest decrease in the catch of cod occurred on that part of the coast between Natashquan and Blancs Sablons. As will be easily understood, the prevalence of easterly winds on that coast means an increase in the ordinary current setting up the Straits and along the coast from the Atlantic—which current being increased, an unusual quantity of ice was forced up the Straits of Belle Isle and along the shore. I returned from the Straits on the 20th of August, and I parted with the icebergs only twenty miles below Natashquan. On the morning of the 25th July I left Blancs Sablons, bound west as far as Bonne Esperance, only some 18 miles distant, and in this short distance we counted over 100 icebergs, and passed through much broken ice; many of the larger icebergs were grounded on the fishing banks in twenty fathoms of water; they were of an unusual size, not particularly high, few of them being over eighty feet high, but long and wide; we noticed several which we reckoned to be fully a mile long. This inward set of the ice continued until the end of August, and as a result, we have had a complete failure of the cod fishery. Some idea of the thoroughness of the failure may be had from the fact, that eighteen vessels from the Magdalen Islands returned home in August, having been on the coast since June, with only 10 cwt. of fish among the lot. The poorer families on this coast and on the Magdalen Islands were left destitute, and it was necessary to send them assistance, which was furnished for the purpose, by the Local Government, we taking it in October to the Magdalen Islands and Labrador, and distributing it where it was most needed, by order of your Department. The price of dry cod, as of all other fish, has been low; fortunately for the coast, provisions have never been cheaper, so that with the exception of those on the Labrador coast and at the

Magdalen Islands, who trust solely to the cod fishery for their existence, the majority of our people have never been better off than they are this winter. The foreign markets have been very low, due to an enormous catch of cod in Norway and to the general demoralization of the Mediterranean markets by the cholera. Cod was abundant everywhere when the boats could get out; they were taken off the mouth of Gaspé Bay only a fortnight ago (10th December), and by the last mail from the Magdalen Islands, I am informed by Mr. Painchaud, the Collector of Customs, that the boats were then taking all they could handle, in Pleasant Bay, off Anticosti Island.

SALMON.

The total catch of salmon shows a considerable increase, but this increase has taken place altogether on the north shore; the decrease on the south shore in Gaspé and Bonaventure being very considerable. On the south coast were caught in 1883, 10,016 lbs., while in 1884, only 171,167 lbs. have been taken, a decrease of 88,849 lbs. or more than half this season's catch. I am utterly at a loss how to account for this decrease. On the north shore (County of Saguenay), in spite of freshets, rough weather and ice, owing to which many nets were not set, and others were carried away and lost, we have an increase which is shown by the following table:—

	Barrels Salted.	Fresh in Ice.
1884	1,071½	156,576 lbs.
1883.....	695½	80,126 "
Increase, 1884.....	376	76,450

Or allowing 300 lbs. to the barrel, a total increase for this year of 189,250 lbs., or more than half the catch of last season. The fishery was every where late in beginning. It was noticed on the north shore, and at Anticosti, that the fish were a larger run than usual, while on the south shore the fish were smaller.

HERRING.

The herring catch was small, though it shows an increase of 5,270 barrels over last season. For the third spring in succession, the early herring fishery in Pleasant Bay, Magdalen Islands, has failed completely, or rather it has not existed at all, as the schools of herring were not able to get into the bay to spawn during the first spring of May. They must have passed on and made for Bay des Chaleurs, as herring were taken abundantly on both shores of the upper part of that bay during the end of May. They are there taken chiefly for manure, a few thousand boxes are smoked, and a small quantity exported to Boston and the West Indies; being thin they keep better in warm latitudes than the fall herring. Summer and fall herring were abundant, a large quantity was taken on the north side of Anticosti and about Natashquan, these were mostly sent to Quebec and Montreal, where, owing to the scarcity of Newfoundland herring, (their fishery having been a failure), they commanded good prices. The Inspection Act has had the effect of making our fishermen more careful in the curing of their herring, as a result, they command a better price. There is, however, still plenty of room for improvement.

MACKEREL.

An increased interest was taken in this fishery during the season just closed, and a considerable outlay was made by local fishermen, and others from Nova Scotia. Five trap nets were licensed and set, and a considerable number of gill nets, but I am sorry to say that the fishery was a complete failure. The few mackerel taken were of good quality, but no large schools ever come west of Cape Breton. The fishermen were, however, not disheartened, and I believe that a still further interest will be taken in the mackerel fishery next season.

HALIBUT.

The quantity of halibut taken was about the same as last year. The halibut fishery is not prosecuted by our fishermen as a separate fishery, halibut only being taken by the cod fishermen, who generally consider the hooking of a halibut a nuisance, so that they rather avoid the bottoms where halibut are sure to be taken. No American halibut trawlers were seen about the coast this season.

LOBSTERS.

A considerable increase is shown in the quantity of lobsters taken. In 1883 were taken, 606,154 lbs., this season the returns give us 788,283 lbs., an increase of 182,129 lbs.. The increase is mostly in the County of Bonaventure, where the lobster fishery having been abandoned for a few years, the fish, as would naturally have been expected, have had a chance to increase. The extension of the fishing season granted this year was not generally availed of, most of the canneries had closed down sometime before the 20th of August, others had prepared to close, and did not care to alter their arrangements, when they learned that an extension had been granted, so that only those that had been urging this extension, and expecting to get it, were prepared for it when it came. It would be better either to make this extension permanent, and I don't see that any great harm would be done by doing so, at the Magdalen Islands, or else in the future to refuse it.

SEALS.

For the third year in succession this fishery has been a failure. The falling of being for this season 8,754 skins and 77,368 gallons of oil, as compared with last season, which was in itself a poor one. For a successful spring seal fishery, it is necessary that the schooners should get out from their winter quarters about the end of March, and manage to penetrate into the seal bearing fields of ice, among the young seals. This spring as in both the preceeding ones, owing to the continuous east wind in March and April, the ice was jammed on shore, at the Magdalen Islands and on the north shore, from the east end of Anticosti over to Natashquan; so that the vessels could not get out of harbour, and work in among the floes, in time to get at the young seals before they are old enough to take to the water. This fishery is prosecuted entirely with small and weak sailing vessels of from 15 to 45 tons, the fishermen are consequently entirely dependent on a favorable state of wind and ice for a successful fishery. One good steamer would stand more chance of getting at the seals than the 50 schooners that are engaged in the fishery. Four sealing schooners from Esquimaux Point were nipped in the ice, off the East Point of Anticosti and lost. Fortunately no lives were lost, as the crews were able to make the land over the ice. As these vessels were uninsured, their destruction has been a very serious loss to their owners. The sedentary seal fishery on the Labrador was good. In some localities this fishery is carried on in December, while the seals are running up the coast through the passes and leads, among the islands; nets made with a large mesh, of heavy twine, are strung across a narrow channel where the seals are known to run, these nets are allowed a good deal of slack in which the seals get entangled and drowned. Some of the fisheries yield an average of 1,400 seals. At Bradoie Bay and Long Point this fishery is made in the spring when the seals are running out.

BAIT.

Bait was sufficiently abundant on the south coast, at Anticosti and the Magdalen Islands and on the north shore west of Natashquan. Below Natashquan, the capelin never struck in, they remained in deep water outside the belt of ice. A large and well furnished guano factory has been completed at Salmon Bay, it is owned and will be worked by the Newfoundland Guano Company. It will be ready for active operation next spring, and I hope it will be a success. I trust that others will

allow on other parts of the coast, where fish offal is most abundant, as at Percé, Natashquan and Magpie, where an enormous quantity could be collected within a limited distance.

The Fishery Regulations have been well observed in the Gulf Division, and the various local overseers have been active in their duties. It is to be hoped that the local Government will not much longer delay in putting reliable overseers on the salmon rivers above the tidal waters, as unless the rivers efficiently guarded, and the spawning beds protected, the observance of a vigorous close season for net fishing, will be of little use, already the net fishermen are complaining that while we look closely after them, and they are compelled to pay a license for what they catch, the rivers to which they must trust for a continuance of the supply of fish are neglected.

SYNOPSIS OF OVERSEERS' REPORTS.

RISTIGOUCHE DIVISION.

Overseer J. A. Verge reports a falling off in the salmon fishery; in 1883 the yield was 3,543 lbs., this season's yield being only 36,856 lbs., a decrease of 26,687, or about 42 per cent. The heavy rains during the better part of the season caused a very great rise of water, and a run of brush and debris, which interfered very much with fishermen, preventing them from keeping their nets in good fishing order, and when the waters subsided the green moss or slime began to rise from the bottom, so as completely to preclude any further fishing. The porpoises were numerous during the month of June, coming as far up as Campbellton, after they returned seaward there was a better run of salmon, so that with the damaging freshets, and return of the porpoises so far up the estuary, the falling off is in a measure accounted for. The Sunday close time was well observed, and most of the licensees showed their willingness to conform to any new regulations imposed.

NEW RICHMOND.

Overseer Cullen reports a decrease in the catch of salmon, in 1883, 69,372 lbs. were taken, while in 1884 the catch was only 63,616 lbs., or a decrease of 5,756 lbs.; we cannot well account for this falling off, unless it be that bait having been plentiful in the deep water the fish did not strike the shore until after the net fishing season was over. The summer cod fishery in the upper part of the bay was a failure, in fact it is but little prosecuted. The fall cod fishery was good, and had it not been for the rough weather, the quantity taken would have been much larger, as when the boats could go out they made good catches. Mackerel and trout fishing were failures. Spring herring were unusually abundant, the people taking as much as they could handle, for local consumption, export, and manure; when the fishing was abandoned, the bays were still alive with them. Lobster fishing was much better than last year, when only 2,340 lbs. were taken, the yield this year being 69,000 lbs., an increase of 66,660 lbs.

PORT DANIEL.

Overseer Phelan reports the catch of cod as being considerably below that of last year, though still about an average. Most of the boats cross to the New Brunswick side of the bay at Miscou and Pokeshaw. Cod fishing began on the 10th of June. The fall season was rough and stormy, the catch would have been fully as good as last year had the boats been able to get out. Salmon fishing began on the 5th of June and most of the nets were up before the 20th of July. The catch is slightly smaller than last year, the advance in price fully compensated for this deficiency. The general opinion among fishermen was that a week's good fishing was lost by not having the nets out earlier, there was, however, so much drift ice about, that this was impossible. Spring herring were very plentiful and were largely used for manure. Summer herring, usually taken in August and September, were scarce, but in October, fall herring of fine quality were taken abundantly, they were of an unusually large size, and fat. The inhabitants have never been better supplied for the winter

than they are at present. Several American schooners called in Port Daniel bay after mackerel, but none were taken. Capelin struck in on the 10th of June, but only remained a few days. Squid were very abundant during the fall. The lobster fishery was good, 41,370 lbs. were taken in 1883, this season 88,644 lbs. were canned, being an increase of 44,274 lbs., or more than the entire catch of last year. No contravention of the Fisheries Act came under Mr. Phelan's notice this season.

GASPÉ DIVISION.

SALMON FISHERY.

P. Vibert, Overseer, reports as follows:—

The ice left Gaspé two weeks earlier than usual, and the navigation was opened the 5th May. Salmon nets set 15th to 20th, and first fish taken 19th May; fishermen were disappointed in the catch, as the fishery was only half of last year's. Some old fishermen consider the large pack of ice, which was jammed to the southward of the Gulf, either kept the fish away or turned many in a different direction. Nearly all the salmon taken were of small size, for instance, at Little Pabos about 200 fish were netted in Mr. X. Tetu's stand, of an average of 10 lbs. each. Total catch, including angling score, was 55,000 lbs, or about half less than last year. Water was very clear in June and many escaped the nets.

COD FISHERY.

Cod struck at Percé 6th and 7th June in small quantities. The summer fishing was about half of average years. July was a lost month, owing to easterly gales and fog; from 7th to 22nd the weather was so wet and stormy that men could not get out. At Point St. Peter, in 18 days, twenty-three boats averaged three drafts each. There was no fish in deep water or on the bank towards the middle of July—some who went half a mile outside, in many cases did not feel a bite. Gales of wind during September caused much lost time, and the fall catch was poor. Late in the season some fish was caught, and if it had not been for the sudden advent of wintry weather much more might have been taken. The average per boat may be estimated at forty quintals for summer, and twenty quintals for autumn fishing. The number of vessels cleared at this port with cargoes for the markets, was twenty-five, and five from Percé, besides five ships from Pabos with deals for Messrs. King Bros.

The fish markets were much depressed, owing to the outbreak of cholera in Italian fish ports. In a daily Montreal paper it was stated that a cargo of cod that arrived in Spain, had been sent to Portugal, and would be forwarded to the West Indies.

LOBSTER FISHERY.

The number of cans sealed at the five establishments is as follows:

Belle Anse.....	22,455
Cape Despair.....	40,000
Seal Cove.....	2,000
Grand Pabos.....	21,000
Newport.....	25,200

110,655

Being an increase of 18,655 lbs. over last season. Besides, 4,715 cans of spiced salmon were put up by Messrs. Hoeg at Belle Anse. This factory commenced operation on 2nd June and closed 31st July. I visited the cannery 4th and 5th July. About 20,000 lbs. lobsters were delivered during those two days. The general run of lobsters was small. I warned fishermen against taking the small ones and those with eggs attached. All seemed willing to comply with the law. June, being a fine month, was favorable to lobster fishermen, and, so little cod on the grounds, many turned their attention to putting out lobster traps.

Mr. Windsor's establishment, at Grand Pabos, was burnt with all its contents, on 14th June.

MACKEREL FISHERY

proved quite a failure; very few were reported in the bay, and those that came would not bite. It was a great loss to the people, as last year over 500 barrels were caught, and sold well.

WHALE FISHERY

proved a failure owing to rough weather and ice. Captain Tripp was down in the rafts in June and July. Anchored for two weeks at one time with gales, easterly wind, and icebergs coming up, some a mile long. Killed four whales altogether which gave 2,000 gallons of oil.

ANGLING.

The following is the number of salmon killed with the fly on the four rivers in this division. No anglers at Pabos or Malbaie Rivers.

	Fish.	lbs.
Dartmouth	38	550
York	82	1,102
St. John	52	829
Grand	55	804
	<u>227</u>	<u>3,285</u>

Three fish caught on the York weighed 31 lbs. each. One at Grand River was 10 lbs.

June and August were not favorable to anglers, [the water being too clear] July too wet. Dartmouth River rose about $6\frac{1}{2}$ feet on the 14th July. Considering the small run of salmon there was a fair stock of fish in the rivers.

STE. ANNE DES MONTS DIVISION.

Overseer Létourneau reports the cod fishery as being slightly below that of last year. The fish only reached that part of the coast in July, none having been taken in June. The fall fishing was good. Towards the end of November they were still abundant; but the north winds, which prevail at that season, prevented any boats from getting out. The salmon fishery has been better than last year, due to an increase in the number of nets. Salmon were abundant on the spawning grounds in the fall, and of large size. A good many salmon were seen in the Cape Chatte River. The fly fishing in the Ste. Anne's River was excellent, and would have been much better had not the water fallen too low for good fishing early in the season. Some very large trout were taken with the fly.

Herring were scarce in the spring but abundant in the fall. Mackerel were scarce but of good quality. One American mackerel schooner called here to repair damages. Capelin were scarce, none having been taken in the western part of this division.

GODBOUT DIVISION.

Mr. N. A. Comeau, who was employed this season as special fishery guardian owing to the absence of the regular overseer, reports as follows:—

The season of 1884 has been rather more favorable for salmon than the two preceding years. This increase has been especially noticed on the portion of the coast between Moisie River and Point des Monts, particularly near the latter place, showing an increase of more than one-half the usual catch. Above Point des Monts the net fishing was very poor and salmon seemed to be scarce. In the Godbout River, where ample chances were afforded of observing the numbers of fish entering that

stream, I would say that only about two-thirds the usual quantity were seen. This may have been owing to the high state of the waters all through the season, which would, in a great measure, prevent the fish from being observed as easily as during a low state of the river. In any case there was a great scarcity of salmon in the small rivers of Bessie, Mistassini and English Bay. None were observed in August in the two last mentioned, and in the Bessie about a dozen fish were seen. In the Bersimis River a very insignificant number of salmon were speared by the Indians of the reserve. The fish which used to be so abundant in this fine stream are being gradually exterminated. The Indians lay the blame on the mill-owners for this scarcity, but I cannot help thinking that it is attributable to their own want of forethought in spearing the fish at all seasons, even on their spawning grounds.

Trout appeared to be everywhere tolerably abundant. The catch in the Godbout this season has been an average one. About seven thousand trout were killed. Of this quantity two thirds or more were caught by angling by visiting sportsmen, residents, Indians and others. The balance was caught by seine net by the proprietors.

No mackerel were seen in Godbout Bay this season. The same may be said of cod. This last fish, at one time very abundant here, seems to have deserted its former resorts and for quite a number of years now the fishing has been poor. This last season, however, was still worse, as none could be caught; not even enough for local consumption.

Some attempts were made during the season at Pointe aux Outardes and Manicouagan of creating and opening up a new branch of fishing (for this coast at least I am speaking here of sturgeon). I am happy to state that I believe these efforts will be successful. For the want of properly made nets and the knowledge required for this particular fishing, only a small number were taken. Sturgeons are very abundant there, and very large ones, some having been caught over twelve feet long. I saw one there myself of ten feet in length. Thirty-four, big and small, were taken in one haul.

At Manicouagan, a resident there, named Thibeau, caught fifteen in his seal net. While there, in August last, I ascended the Manicouagan river to the falls, and saw several sturgeons on my way. There were also immense numbers of small tomcod, cod smelts, and a species of carp or sucker, in the river at the time.

Young herring—or, as they are improperly called, sardines—are very abundant on the banks, and afford food for the great numbers of seals and porpoises to be found on the edge of the shoals, and the estuary of the Manicouagan river. Some years ago Joseph Thibeau had a weir fishery there, in which he caught as much as fifteen barrels of this young herring in one tide.

About two hundred seals were killed or taken with nets by Indians and others during the season of 1894 at Manicouagan. Of the various kinds of seal that occur in the St. Lawrence, and which frequent these shoals during the summer season, have identified beyond a doubt the following named species, viz.: *Phoca Vitulina* harbor seal; *Phoca Greenlandica*, harp or Greenland seal; *Halicherus Grypus*, grey seal, and *Cystophora Cristata*, hooded seal. I am almost certain that *Phoca Fœtida* fetid seal, occurs here also, but could not secure or see any. The white whale *Delphinapterus Cetodon*, and the puffing pig, *Beluga Cetodon*, are very numerous, and in large herds frequent this vicinity (Manicouagan) all through the summer.

At Point des Monts the seal hunting (I cannot call it fishing), has produced between 450 to 500 seals this year, killed by Indians and resident hunters.

The question will now naturally be asked, what is the cause of the entire absence of mackerel and cod, and the scarcity of salmon above Point des Monts this year? I would say, in reply, that it was due to the almost total absence of bass (caplin and sand eels), caused by the prevalence of westerly winds during the season. This had the effect of creating a continuous surface current of two or three miles per hour, running down along this shore to Point des Monts, where it is turned off to the southward, thereby causing a sort of eddy or flood tide on that portion of the coast below. Bait would naturally be drawn in this immense eddy. Hence the

abundance of bait there, and as a natural consequence salmon, cod, mackerel, &c. more abundant than last season.

TRINITY DIVISION.

Overseer Belanger reports the early seal fishing about Point des Monts as being good, though the hunters (the seals are killed with the gun) report the winter to have been rough and cold. Twenty-two canoes, manned by two men each, engaged in this hunt during the winter. The salmon catch has been good; fish were very abundant in spite of the freshets, rains and general rough weather; there can be no doubt that had the weather been more favorable the catch would have been much greater. The gentlemen who fished the Trinity River did well; very few trout were taken, the weather was too rough in July to keep out the nets which are mostly fished in exposed places along the coast. The Fishery Regulations concerning these two fisheries were strictly carried out. The cod fishery, which in this division is only prosecuted towards the fall, has been better than last year. In the early part of the fall the fish kept in very deep water and but few were taken; towards the close of the season, however, they struck in shore and fishermen managed to save their time. Herring were plentiful in the spring, but being of poor quality, few were taken. Mackerel were scarce and none were taken by the local fishermen; 21 barrels were taken in a trap net set at Cawee by Mr. Cunningham.

MOISIE DIVISION.

Overseer Mignault reports salmon fishing as having commenced at Moisie River on the 21st May. The fishing was good; 4,504 salmon were taken in the river, the total quantity taken in this division amounting to 102,826 lbs. The salmon were of large size; most of the fish were caught in the month of June; from the 5th to the 15th July there were heavy floods in the rivers, which completely put an end to the fishing. Four gentlemen arrived on the 12th of June to fish with the fly in the Moisie river; not being very expert fishermen they only took about 50 salmon. These gentlemen refused to give any returns of the quantity of fish they had taken, alleging that they had only to deal with Mr. Holliday. The cod fishery began on the 1st of July and fish were plentiful, but the rough weather seriously impeded the fishery. Herring were abundant, but the catch was not great, fishermen fearing to keep their nets out on account of the heavy sea and strong tides. In Seven Islands Bay, 297 barrels of mackerel were taken by 16 schooners from Gloucester, Mass., and Nova Scotia. Porpoises were abundant off Moisie and considerable damage and loss was caused to the outside salmon net fishermen by these animals.

MINGAN DIVISION.

Overseer Duguay reports the summer cod fishery as only middling in the western part of this division, due to the fishermen having lost fully half their time owing to rough and changeable weather. At Dock Creek and Rich Point the fishery was better, as the boats were more often able to put out, and could remain out longer owing to the facilities at these stations for harboring. At Magpie and St. John's River the summer fishing was poor from the same causes as in the west. The fall fishery was about an average; as a rule fish were plenty on the banks when the boats could get out. Salmon fishing was good, the yield being considerably greater than that of 1883. Herring were particularly abundant in the fall, especially about Magpie Bay, and more would have been cured had fishermen been able to procure barrels. The seal fishery from Esquimaux Point was a total failure, the vessels were unable to get into the ice in time to get at the young seals. Four schooners from the point were lost off the east end of Anticosti, fortunately no lives were lost. The summer cod fishery was also a failure at this place. Those who were able to procure suitable boats made a good fall fishery. Only four schooners went down to the Straits for fall herring, two of these vessels returned empty, the other two had about half fares.

NATASHQUAN DIVISION.

Overseer Mathurin reports the spring seal fishery in this division a failure. The summer cod fishery was not up to the usual average, due entirely to rough weather in June and July. At one time in July the boats were ashore for fifteen days in succession. The fall cod fishery was good, as was also the herring fishery, which was the most abundant ever known at Natashquan. Salmon were abundant and the yield from the River Natashquan was greater than for some years.

WASHEECOOTAI DIVISION.

Overseer McLeod, reports that he arrived at Romaine on the 25th May. The spring herring fishery had been a failure, owing to the ice the vessels could not get into Washeecootai Bay when the herring were in considerable abundance. No codfish was taken before the 11th of June, and then only a small quantity. Twenty vessels visited the division for codfishing, but they only took about 30 cwts. among them all. No salmon nets were set before the 1st of July, and no fish was taken before the 15th, when a few were caught in the nets in the estuary of the Romaine. In the Washeecootai, Musquaro and Kegashka Rivers the fishing only began a few days before the end of July. The salmon net fishermen, claim the right of keeping down their nets until the 15th of August, by an order granted by the Department some years ago, but as Mr. McLeod had no knowledge of the existence of this order, he did not allow them to keep down their nets after the close of July. Most of the fishermen who carried on fishing in Kegashka Bay, have abandoned the place and gone to Ontario.

ST. AUGUSTINE DIVISION.

Overseer Legouve reports considerable distress in his division, mostly among the old settlers on the coast, who not being fitted for deep water fishing, have done nothing. The general failure in this division, has been caused by the ice and continual gales of east winds. The small catch of salmon is due to the same cause, as many nets were carried away by the ice and other stations were never fished at all. Salmon were very plentiful, and there would have been a good catch had the weather been favorable. The herring fishery was also a complete failure. Mr. Legouve states that the St. Augustine division should be divided and placed under two officers, as it is impossible on account of its extent to guard it effectually. For several seasons back the fishing has been poor, but the moment we have a good fishery, the rush for trap nets for cod will be so great, that it will be impossible for him to keep order.

BONNE ESPERANCE DIVISION.

Mr. Whitely reports the salmon fishery as poor, the fish seemed to be plenty judging from the catch in St. Paul's River, but owing to the ice and sea, the outside were either not set at all, or so damaged by the ice as to be useless. The codfishing began with good prospects, but the continued run of ice out of the in-shore waters and off the banks into deep water. Capelin were very scarce and launce also. Herring and mackerel never put in an appearance at all. Heavy gales of easterly wind prevailed during the season, for fifteen days from the 8th of July, which is usually the height of the fishing season; it blew uninterruptedly a whole gale from the eastward. Prices of salmon and cod are lower than they have been for some years. Newfoundland vessels visited the coast in increased numbers, and were it not for the presence of "La Canadienne" we should have had troublesome times.

MAGDALEN ISLANDS DIVISION.

Overseer Chevrier reports as follows: The fisheries of the islands generally are below the average. The codfishery, especially, has almost entirely failed on the east

and north coasts of the islands, and has been below the average on the south and west coasts. The Labrador codfishery in vessels was a total failure. These poor results are attributable everywhere to the rough weather. All the fishermen agree that they have never experienced so rough a season. The herring and mackerel fisheries have also failed, and for the same reasons, and the same story may be told concerning the spring seal fishery. The vessels could not get out owing to the ice being packed round the islands until well into May. The lobster fishery is the only one that gives an increased return; a much larger number of men and boats were engaged in it, and many more traps were set.

From the foregoing abstracts your Honor will see that, from one end of the gulf to the other comes the same complaint, and that the great falling off in the deep-sea fisheries is attributable solely to the unusual roughness of the season. July is usually the best month for the codfishery, and if a good fishery is made during this month the season is considered safe. During the season just closed, it was the roughest month of the lot, and from the 7th to the 20th it was so stormy that nothing whatever was done. Cod were not scarce, but they remained in deeper water than usual, and the bait kept off shore. As usual, in stormy seasons, the less sheltered stations where the boats have to be hauled ashore, have suffered most. When the boats could be kept afloat in sheltered coves, so that they could get out at once when the storm was over, they always found fish and did well. All this points to the necessity for larger boats that can stand the rough weather, and sheltered harbors, so as to avoid the necessity for hauling boats ashore at the first sign of rough weather. Boats that are sure of making a snug harbor when they return, hang on to the fishing grounds to the last moment, while others that have to be beached must get away in time to pick up their moorings, land their fish and ballast, and be hauled up. This is fatiguing on the men and strains the boats, and when it has to be done once or twice a week, it means not only a great loss of time, but it disheartens and discourages the fishermen, and several days elapse before the less energetic ones can be got afloat again. A good deal of discontent is shown by some of our fishing population against the introduction of trap nets for mackerel. This season we have had five traps licensed, two on the north shore and three on the south. On the south shore I have heard no complaint, but on the north shore petitions have been sent to your Honor against these traps; it has been charged that they destroy a great quantity of young salmon and bait. I confess that I do not share myself in these objections. I visited all these traps, and found no young salmon in any of them. It is true that they pick up a good deal of bait, but this is utilized by the cod fishermen in the vicinity. I do not consider that traps do anything like as much damage as seines. I believe that mackerel, herring and cod run no risk of being overfished by any quantity that men can catch; but I do believe that we may drive them out off our bays and off our coasts by disturbing them with the seine and jig. The trap net does not do this; it fishes quietly and silently, and does not alarm or shy the fish. In certain situations they may take young salmon; and I would certainly not license a trap to be set a second time in any cove where I was sure that young salmon would be taken. This is the first season that mackerel traps have been set in my division. They are very costly affairs to procure and set, and the license fee itself is high. They did nothing whatever this year, and have caused great loss to their owners; they will be tried again next season, and should they not be more successful we will not be likely to have any more trouble with them, as they will surely be abandoned. We have had no experience of them on this coast, but they have been in use for some years about the coast of Nova Scotia, and your fishery officers in that province should by this time be able to say whether they are really as destructive as some who are opposed to them here make out.

I have the honor to be, Sir,

Your obedient servant,

W. WAKEHAM.

Fishery Officer in command of *La Canadienne*.

RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County of
the Province of Quebec

RISTIGOUCHE SUBDIVISION

NAME OF PLACE.	VESSELS.				FISHING BOATS.		FLAT BOATS.		No. of Fishermen.	No. of Shoremen.	Salmon Nets.		
	No.	Tons.	Value.	No. of Sailors.	No.	Value.	No.	Value.			No.	Yards.	Value.
<i>County of Bonaventure.</i>			\$			\$		\$					\$
Twenty-two salmon fisheries.....	22	220					22	220	22		26	7700	382

NEW RICHMOND SUBDIVISION

Maguasha	3	150	12	96	28	60	1387	70					
Nouvelle	4	200	13	130	30	23	690	34					
*Carleton.....	9	360	30	300	45	25	182	5292	264				
Maria	12	480	35	350	44	26	259	9110	452				
New Richmond and Black Capes	6	300	20	200	20	15	166	4066	200				
Capelin.....	20	1000	35	350	55	45	7	350	17				
Big and Little Bonaventure	60	4660	75	750	140	80	14	360	18				
New Carlisle.....	8	400	15	150	20	15							
Paspebiac	41	4340	200560	249	60	3000	70	700	120	130			
Totals	41	4340	200560	249	182	10550	305	3026	502	346	711	21255	1090

* Also one mackerel trap, value \$400.

PORT DANIEL SUBDIVISION

Paspebiac	15	820	10	100	44			
Nouvelle	40	1600	12	120	80			
Shegawak	10	280	5	60	25			
Point Loup-Marin	3	75	36	350	42			
Port Daniel Bay	42	1440	18	160	100	12	3614	133
L'Anse à la Barbe	26	1000	13	90	55	1	140	6
L'Anse au Gascon	65	2600	20	200	135	1	120	4
Totals	201	7815	114	1080	481	14	3874	144

TOTAL FOR COUNTY

Ristigouche Subdivision.....	22	220	22	26	7700	382							
*New Richmond do	41	4340	200560	249	182	10550	305	3026	502	346	711	21255	1090
Port Daniel do				201	7815	114	1080	481		14	3874	144	
Totals	41	4340	200560	249	383	18365	441	4326	1005	346	751	32829	1589

* Also one trap net, value \$400.

naventure, extending from Head of Tide, Ristigouche, to Point Maquereau, in the Year 1884.

ad of Tide to Maguasha).

NETS AND SEINES.

1 Seines.		Herring Seines.		Herring Nets.		Mackerel Nets.		Capelin Seines.		Brush Fisheries.	
Yards.	Value.	No.	Yards.	No.	Yards.	No.	Yards.	No.	Yards.	No.	Value.
	¢										¢
.....

guasha to Paspebiac Point).

.....	.....	.....	.....	.....	30	885	250	5	160	60	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	20	600	180	8	250	100	.....	.....	.....	.....	.....
.....	.....	4	400	200	60	2400	720	20	700	250	.....	.....	.....	1	10
.....	.....	.....	.....	.....	70	2620	840	20	720	240	1	40	36	12	120
.....	.....	.....	.....	.....	40	1600	600	10	380	200	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	50	1800	600	15	645	300	7	280	252	.....	.....
.....	.....	.....	.....	.....	110	3740	1320	60	1410	720	25	1600	900	.....	.....
.....	.....	.....	.....	.....	20	760	240	6	216	72	8	320	280	.....	.....
.....	.....	.....	.....	.....	60	2100	720	55	1975	650	17	680	612	.....	.....
.....	.....	4	400	200	460	16505	5470	199	6456	2592	58	2320	2080	13	130

pebiac Point to Point Maquereau).

.....	.....	.....	.....	.....	40	1500	400	.....	.....	.....	8	350	160	.....	.....
.....	.....	.....	.....	.....	80	2800	800	.....	.....	.....	12	1240	240	.....	.....
.....	.....	.....	.....	.....	60	2400	600	.....	.....	.....	3	120	60	.....	.....
.....	.....	.....	.....	.....	60	2400	600	.....	.....	.....	4	160	80	.....	.....
.....	.....	.....	.....	.....	105	3700	1050	.....	.....	.....	6	240	150	.....	.....
.....	.....	.....	.....	.....	50	2000	500	.....	.....	.....	2	80	60	.....	.....
108	80	.....	.....	.....	100	4000	1000	.....	.....	.....	12	500	330	.....	.....
108	80	.....	.....	.....	495	18800	4950	.....	.....	.....	47	2690	1080	.....	.....

BONAVENTURE.

.....
108	80	4	400	200	460	16505	5470	199	6456	2592	58	2320	2080	13	130
.....	.....	.....	.....	.....	495	18800	4950	.....	.....	.....	47	2690	1080	.....	.....
108	80	4	400	200	955	35305	10420	199	6456	2592	105	5010	3160	13	130

Return showing Number and Value of Vessels, Boats, Nets, &c., in the County of Gaspé, extending from Point Maquereau to Cape Chatte, in the Province of Quebec, for the Year 1884.

GASPÉ SUBDIVISION (Point Maquereau to Cape Gaspé.)

NAME OF PLACE.	VESSELS.			FISHING BOATS.			FLAT BOATS.			No of Fishermen.	No. of Shoremen.	NETS AND SEINES.				
	No.	Tons.	Value.	No. of Sailors.	No.	Value.	No.	Value.	Salmon Nets.			Herring Seines.				
									No.			Yards.	Value.	No.	Yards.	Value.
County of Gaspé.																
Newport and Anse aux Canards.....	.....	.....	.....	.....	85	3766	55	489	180	68	.....	.....	.....	.....	.....
Grand Pabos.....	.....	.....	.....	.....	29	2452	17	154	69	23	500	200	.....	.....	.....
Little Pabos and Anse au Basque.....	.....	.....	.....	.....	49	2605	29	324	95	33	300	150	.....	.....	.....
Little River, West.....	.....	.....	.....	.....	16	1440	8	84	32	7	.....	.....	.....	.....	.....
Grand River.....	.....	.....	.....	.....	79	3810	15	107	159	82	900	225	.....	.....	.....
Little River, East.....	.....	.....	.....	.....	29	1750	22	178	66	25	.....	.....	.....	.....	.....
Cape Despair.....	.....	.....	.....	.....	15	870	17	152	38	9	.....	.....	.....	.....	.....
Cape Cove.....	.....	.....	.....	.....	51	3080	29	253	102	40	1	200	50	1	160	50
Anse au Beaufils.....	.....	.....	.....	.....	14	835	15	134	28	7	.....	.....	.....	.....	.....
Bonaventure Island.....	.....	.....	.....	.....	26	584	40	210	98	71	.....	.....	.....	.....	.....
Perce.....	.....	.....	.....	.....	91	5440	46	520	194	133	.....	.....	.....	.....	.....
Corner of Beach and Cannes des Roches.....	2	103	2300	8	17	1070	22	209	33	20	2	500	100	.....	.....	.....
Barachois, Malbaie and Belle Anse.....	2	95	2700	7	33	1650	20	200	60	10	4	2000	900	.....	.....	.....
Point St. Peter.....	2	111	2300	11	62	3830	37	376	131	73	2	410	70	.....	.....	.....
Chien Blanc.....	.....	.....	.....	.....	20	800	20	120	40	15	.....	.....	.....	.....	.....	.....
Douglastown and Bois Brule.....	1	90	2000	5	26	1160	20	151	52	13	9	2166	540	.....	.....	.....
Sandy Beach.....	4	245	9100	20	16	522	16	106	30	2	16	4058	800	.....	.....	.....
Gaspé Basin and South-West.....	6	324	11850	21	5	200	30	230	30	11	26	6150	1275	.....	.....	.....
North-West Bay and River.....	1	65	2100	5	8	350	20	170	26	.....	8	1650	650	.....	.....	.....
Cape aux Os and Peninsula.....	1	50	700	4	14	326	24	206	40	.....	15	3398	1712	.....	.....	.....
Little Gaspé and Seal Rock.....	.....	.....	.....	.....	6	134	15	98	22	.....	2	196	205	.....	.....	.....
Grande Grève and George's Cove.....	4	235	10500	19	20	1126	26	234	41	26	2	300	100	.....	.....	.....
Indian Cove and Ship Head.....	1	60	1000	5	19	761	31	269	53	5	.....	.....	.....	.....	.....	.....
Totals.....	23	1378	44550	105	733	38561	574	4973	1619	676	92	21728	6977	1	160	50

RETURN SHOWING NUMBERS AND VALUE OF TRAP NETS USED IN THE GASPÉ SUBDIVISION (Point Maquereau to Cape Gaspé)—Concluded.

NETS AND SEINES.

NAME OF PLACE.																			
Herring Nets.			Mackerel Seines.			Mackerel Nets.			Capelin Seines.			Lance Seines.			Seal Nets.			Brush Fisheries.	
No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Value.
211	8612	\$ 2 20	.....	.....	\$	9	440	209	.....	.....	\$	.....	.....	.....	.....	.....	.....	.....	.....
.....	3	200	120
.....	6	430	230
.....	1	50	60
.....	9	472	192
.....	4	220	100
.....	2	90	50
.....	8	352	230
.....	5	250	114
.....	3	100	26
.....	2	40	36
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*2 trap nets, value, \$750.

RETURN showing the Number and Value of Vessels, Boats, Nets, &c., in the County of Gaspé, &c.—Continued.
MAGDALEN RIVER SUBDIVISION (Cape Gaspé to Claude River).

NAME OF PLACE.	VESSELS.				FISHING BOATS.				FLAT BOATS				No. of Fishermen.	No. of Shoremen.	NETS AND SEINES.			
	Tons.		Value.	No. of Sailors.	No.		Value.	No.		Value.	Salmon Nets.				Herring Seines.			
											No.	Yards.			Value.	No.	Yards.	Value.
Cap des Rosiers.....	38	\$ 1140	45	\$ 360	43	30	.....	.....	.....	.....	.....
L'Anse à Louise.....	24	840	28	221	52	24	.....	.....	.....	.....	.....
Three Runs and Jersey Cove.....	25	525	30	240	55	25	.....	.....	.....	.....	.....
Anse à Grisfonds.....	50	2000	60	400	100	55	.....	.....	.....	.....	.....
Anse à Fougère.....	5	175	7	56	12	5	.....	.....	.....	.....	.....
Fox River.....	55	2200	55	440	110	60	.....	.....	.....	.....	.....
Little Fox River.....	14	490	14	112	28	15	.....	.....	.....	.....	.....
Little Cape.....	12	420	12	96	24	12	.....	.....	.....	.....	.....
Echourie and Grande Anse.....	6	210	15	120	21	12	.....	.....	.....	.....	.....
Pointe Jaune.....	9	315	9	72	18	9	.....	.....	.....	.....	.....
Anse à Valeau.....	10	300	9	80	20	2	.....	.....	.....	.....	.....
Grande Etang.....	5	150	5	40	10	.....	.....	.....	.....	.....	.....
Pointe Sèche.....	12	360	14	112	16	3	.....	.....	.....	.....	.....
Big and Little Chlorydome.....	20	600	15	120	31	10	.....	100	60	.....	.....	
Little Anse.....	7	210	6	48	12	.....	.....	.....	.....	.....	.....
Frigate Point.....	10	300	7	56	17	.....	.....	.....	.....	.....	.....
Little Vallée.....	10	300	6	48	16	5	.....	.....	.....	.....	.....
Anse à Collin and Anse à Mercier.....	8	240	6	48	13	.....	.....	.....	.....	.....	.....
Grande Vallée.....	15	450	12	96	28	10	.....	150	75	.....	.....	
Magdalen River and Cap à L'Ours.....	4	120	3	36	6	.....	.....	.....	.....	.....	.....
Little Magdalen.....	18	540	15	120	30	10	.....	1	200	.....	.....	
Manche D'Épée.....	5	150	2	16	7	.....	.....	.....	.....	.....	.....
Gros Mûle.....	15	450	7	56	25	3	.....	.....	.....	.....	.....
Ruisseau des Olives and Anse Pleureuse.....	8	240	7	56	10	.....	.....	100	50	.....	.....	
Mont Louis.....	15	450	12	96	27	5	.....	1	100	60	.....		
Claude River and Rivière à Pierre.....	32	960	25	200	60	20	.....	2	200	100	.....		
.....	44	720	20	160	30	5	.....	1	100	50	.....		
Totals.....	456	14855	436	3508	821	320	9	950	485	.....	.....	.....	.....	.....	.....

RETURN SHOWING THE NUMBER AND VALUE OF VESSELS, DORIES, BOATS, AND THE QUANTITY OF CAPTURED MAGDALEN RIVER SUBDIVISION (Cape Gaspe to Claude River).

NETS AND SEINES.

NAME OF PLACE.

	Herring Nets.			Mackerel Seines.			Mackerel Nets.			Capelin Seines.			Lance Seines.			Seal Nets.			Brush Fisheries.		
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.
Cap des Rosiers	43	1720	\$ 576				3	150	30	3	120	75									
L'Anse à Louise	52	2080	624				2	110	20												
Three Runs and Jersey Cove	55	2200	680																		
Anse à Grisfonds	100	4000	1500				3	150	30	4	240	160	1	70	80						
Anse à Fougère	12	480	144																		
131 Fox River	130	6500	2600				4	200	40	5	360	200									
Little Fox River	28	1260	336							1	50	40									
Little Cape	24	960	288																		
Echourie and Grande Anse	21	840	252																		
Point Jaune	18	720	216																		
Anse à Valeau	16	640	200																		
Grand Etang	10	400	150																		
Point Sèche	30	1200	420																		
Big and Little Chillerydorme	40	1600	500				2	80	40	1	50	60									
Little Anse	14	560	200																		
Frigate Point	23	920	365																		
Little Vallée	20	800	280																		
Anse à Collin and Anse à Mercier	16	640	230																		
Little Vallée	40	1600	500																		
Grande Anse	6	240	84																		
Magdalen River and Cap à L'Ours	30	1200	420				3	120	60												
Little Magdalen	8	320	112																		
Manche D'Épée	25	1000	400																		
Gros Mâle	16	640	210																		
Ruisseau des Olives and Anse Pleureuse	20	800	280																		
Mont Louis	75	3000	1000	1	200	160	4	160	80	4	200	250									
Claude River and Rivière à Pierre	47	1880	600																		
Totals	919	38200	13117	1	200	150	21	970	300	18	1020	785	1	70	80						

RETURN showing the Number and Value of Vessels, Boats, Nets, &c., in the County of Gaspé, &c.—*Concluded.*
 STE. ANNE DE MONTS SUBDIVISION (River Claude to Cape Chatte).

NAME OF PLACE.	VESSELS.			FISHING BOATS.		FLAT BOATS.		No. of Fishermen.		No. of Shoremen.		NETS AND SEINES.			
	No.	Tons.	Value.	No.	Value.	No.	Value.	No.	Value.	No.	Value.	Salmon Nets.		Herring Seines.	
												No.	Value.	No.	Value.
*Ste. Anne.....	3	186	6600	83	4160	70	1043	164	27	4	516	146	.....	.....	.....
†Cape Chatte	1	45	600	37	1850	40	480	72	9	5	370	140	.....	.....	.....
Totals	4	231	7200	120	6010	110	1523	236	36	9	886	286	.....	.....	.....

* 3 trout nets, 142 yards, value \$27.

† 4 trout nets, 144 yards, value \$30.

MAGDALEN ISLANDS SUB-DIVISION.

Amberst Island	6	180	6000	24	106	3173	59	500	242	72	.....	.....	.....	8	1150	950
Grindstone Island .....	.....	.....	.....	.....	83	6075	82	738	208	80	.....	.....	.....	4	640	300
Allright Island	19	765	15000	95	93	2260	89	832	205	107	.....	.....	.....	2	400	300
Bryon Island.....	.....	.....	.....	.....	20	500	10	130	46	8	.....	.....	.....	.....	.....	.....
Entry Island.....	.....	.....	.....	.....	2	40	1	9	5	.....	.....	.....	.....	.....	.....	.....
Totals	25	945	21000	119	304	12038	240	2189	706	267	.....	.....	.....	14	2190	1550

TOTAL FOR THE COUNTY OF GASPÉ.

Gaspé Sub-division.	23	1378	44550	105	733	38561	574	4973	1619	676	92	21728	6977	1	160	50
Magdalen River Sub-division.....	.....	.....	.....	.....	456	14855	436	3508	821	320	9	950	485	.....	.....	.....
Sté. Anne's River	4	231	7200	16	120	6010	110	1523	236	36	9	886	286	.....	.....	.....
Magdalen Islands	25	945	21000	119	304	12038	240	2189	706	267	.....	.....	.....	14	2190	1550
Grand Totals.....	52	2554	72750	240	1613	71464	1360	12193	3393	1299	110	23564	7748	15	2350	1600

STE. ANNE DE MONTS SUB-DIVISION (River Claude to Cape Chatte).

NETS AND SEINES.

NAME OF PLACE.	Herring Nets.			Mackerel Seines.			Mackerel Nets.			Capelin Seines.			Lanuce Seines.			Seal Nets.			Brush Fisheries.		
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Value.	
Ste. Anne.....	87	3480	1740	.....	.....	\$	.....	.....	.....	2	158	91	2	33	56	.....	.....	.....	3	50	
Cape Chatte.....	25	1040	500	1	60	44	.....	.....	.....	1	90	50	.....	.....	.....	.....	.....	.....	4	60	
Totals.....	112	4520	2240	1	60	44	.....	.....	.....	3	248	141	2	33	56	.....	.....	.....	7	110	

MAGDALEN ISLANDS SUB-DIVISION.

Amherst Island.....	179	6882	1820	.....	.....	.....	673	26886	6798	.....	.....	.....	.....	.....	.....	25	1500	250	.....	.....	.....
Grindstone Island.....	53	2090	648	.....	.....	.....	60	2400	600	.....	.....	.....	.....	.....	.....	60	3000	600	.....	.....	.....
Allright Island.....	40	1200	540	.....	.....	.....	72	2180	1030	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bryon Island.....	6	240	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Entry Island.....	2	60	24	.....	.....	.....	5	150	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	280	10472	3122	.....	.....	.....	810	31616	8488	.....	.....	.....	.....	.....	.....	85	4500	850	.....	.....	.....

TOTAL FOR THE COUNTY OF GASPE.

* Gaspe Sub-division.....	1500	55893	15609	3	470	555	56	2077	602	76	3758	2267	12	566	563	1	40	5	.....	.....	.....
Magdalen River Sub-division.....	919	38200	13117	1	200	160	21	970	300	18	1020	785	1	70	80	.....	.....	.....	.....	.....	.....
* Ste. Anne's River.....	112	4520	2240	1	60	44	.....	.....	.....	3	248	141	2	33	56	.....	.....	.....	7	110	
Magdalen Islands.....	280	10472	3122	.....	.....	.....	810	31616	8488	.....	.....	.....	.....	.....	.....	85	4500	850	.....	.....	.....
Grand Totals.....	2811	109085	34088	5	730	749	887	34663	9390	97	5026	3193	15	669	699	86	4540	855	7	110	

* 2 trap nets, 750 yards, value \$750. † 7 trout nets, 286 yards, value \$57.

RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County
for the

GODBOUT SUBDIVISION

NAME OF PLACE.	VESSELS.				FISHING BOATS.		FLAT BOATS.		No. of Fishermen.	No. of Shoremen.	Salmon Nets.			Cod Seines.		
	No.	Tons.	Value.	No. of Sailors.	No.	Value.	No.	Value.			No.	Yards.	Value.	No.	Yards.	Value.
<i>Co. of Saguenay.</i>			\$			\$		\$					\$			\$
Maricougan.....	1	20	240	2	1	70	1	20	3	.....	2	200	345	.....	.....	.....
Point aux Outardes	1	5	80	2	3	60	2	35	3	.....	.....	.....	.....	.....	.....	.....
Mistassini.....	.....	.....	.....	.....	.....	.....	1	15	2	.....	.....	.....	.....	.....	.....	.....
Godbout.....	.....	.....	.....	.....	8	280	5	106	5	.....	6	730	365	.....	.....	.....
Point de Monts.....	.....	.....	.....	.....	4	116	.....	.....	4	.....	5	400	200	.....	.....	.....
Totals.....	2	25	320	4	16	526	9	176	17	.....	13	1330	910	.....	.....	.....

TRINITY SUBDIVISION

Point de Monts.....	.....	.....	.....	.....	1	60	1	18	2	.....	.....	.....	.....	.....	.....	.....
Trinity Bay.....	2	10	290	2	1	18	7	78	3	.....	12	1520	430	.....	.....	.....
Petit Mai.....	4	51	1550	10	10	361	10	47	20	.....	3	240	70	.....	.....	.....
Islets à Caribou.....	1	5	100	2	34	522	6	60	68	.....	3	300	85	.....	.....	.....
Egg Island.....	4	87	1915	28	8	148	4	45	16	.....	.....	.....	.....	.....	.....	.....
English Bay.....	.....	.....	.....	.....	15	395	11	70	30	.....	.....	.....	.....	.....	.....	.....
Penticost.....	4	181	5100	16	10	266	14	115	18	.....	.....	.....	.....	1	150	15
Cailles Rouges.....	1	10	200	5	8	365	9	67	16	.....	.....	.....	.....	.....	.....	.....
Cawees.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	16	344	9155	63	87	2135	62	500	173	.....	18	2060	585	1	150	15

MOISIE SUBDIVISION

Jambons.....	4	66	1800	14	20	760	17	116	40	2	.....	.....	.....	.....	.....	.....
Riv. Ste. Marguerite	.....	.....	.....	.....	4	120	6	37	8	.....	5	350	350	.....	.....	.....
Seven Islands.....	1	18	800	4	16	805	24	225	32	4	3	1150	1015	.....	.....	.....
River Moisie.....	1	54	575	4	25	909	30	305	78	15	29	7350	3870	.....	.....	.....
Pigou.....	.....	.....	.....	.....	15	435	8	48	30	.....	.....	.....	.....	.....	.....	.....
Rivière au Bouleau..	.....	.....	.....	.....	3	75	2	12	6	.....	.....	.....	.....	.....	.....	.....
Totals.....	6	138	3175	22	83	3104	87	743	194	21	37	8850	5235	.....	.....	.....

aguenay extending from Manicouagan to Blanes Sablons, in the Province of Quebec,
ear 1884.

(Anicouagan to Point de Monts.)

NETS AND SEINES.

erring eines.		Herring Nets.			Mackerel Seines.			Mackerel Nets.			Capelin Seines.			Launce Seines.			Seal Nets.			Brush Fisheries.	
LBS.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Value.
\$	\$			\$			\$			\$			\$								\$
.....
100	100	3	116	56	2	360	650	2	110	45	.....	.....	.....	1	100	60	2	300	100	.....	.....
.....
100	100	3	116	56	2	360	650	2	110	45	.....	.....	.....	1	100	60	6	700	250	1	25

Point de Monts to Baie des Rochers.)

[illegible]

Jambons to Rivière au Bouleau.)

																Brush Fisheries.	
47	1783	645	3	150	31												
1	40	12	1	60	15	1	80	60									
14	600	172	3	132	34	1	75	45	2	150	100					2	45
3	140	44	1	60	18	3	224	115	3	186	130						
3	120	80	1	60	11				2	130	124						
						1	50	20									
68	2683	953	9	462	109	6	429	240	7	466	354					2	45

RETURN showing the Number and Value of Vessels, Boats, Nets, &c., in the County of
MINGAN SUB-DIVISION-

NAME OF PLACE.	VESSELS.			FISHING BOATS.		FLAT BOATS.		No. of Fishermen.	No. of Shoremen.	Salmon Nets.			Cod Seines.			H. 22	
	No.	Tons.	Value.	No. of Sailors.	No.	Value.	No.			Value.	No.	Yards.	Value.	No.	Yards.		Value.
			\$			\$		\$			\$			\$			
Little River				9	500	4	48	18	8								
Chaloupe				12	600	6	72	24	10								
Sheldrake				45	2250	20	240	90	45	2	150	37					
Trout River.....				5	250	3	36	10	4								
Thunder River.....				33	1650	11	132	66	30								
Duck Creek.....				30	1500	8	96	60	20								
Rich Point.....				26	1300	6	72	52	10								
Jupitagan.....				2	100	2	24	4		1	100	25					
Magpie				68	3400	20	240	136	60	1	400	300					
St. John's River.				42	2100	15	180	84	66	6	600	300					
Long Point.....				26	700	7	74	52	20								
Mingan				1	50	4	48	2		5	550	230					
Romaine.....						1	12										
Esquimaux Point... 22	550	11000	264	100	3000	100	1000	200	50								
Betchouan				8	320	6	72	16	5								
La Corneille				1	50	2	24	4		1	100	50					
Piashter Bay.....				2	100	2	24	2		2	200	100					
Totals.....	22	550	11000	264	410	17870	217	2394	810	328	18	2100	1042				

NATASHQUAN SUB-DIVISION

Nabissippi.....	1	29	700	5	13	650	7	56	25	4	5	400	160			
Agwanus.....					12	600	13	92	24	10	7	550	185			
Grand Ruisseau..					9	410	11	100	22	5						
Isle de Michon.....					8	400	12	70	16							
West Avoca.....	1	37	700	9	4	110	5	44	8							
Canadian Harbour.					44	2200	6	60	98	40				2	160	160
Little Natashquan.	7	140	3500	55	42	1260	73	730	88	20	3	705	560			
Natashquan River..					7	260	13	130	29	6	24	5200	3900			
Totals.....	9	206	4900	69	139	5890	140	1282	310	85	39	6855	4805	2	160	160

WASHEECOOATI SUB-DIVISION

Kegashka River....					2	50	2	20	2		3	200	100			
Kegashka Harbour.	1	20	500	4	3	70	2	20	4							
Curlew Point.....					1	50	1	8	1		1	100	25			
Cloudberry Point..					1	50	1	8	1		1	100	25			
Washeecootai.....					1	50	2	16	2		4	300	100			
Romaine.....	1	20	500	3	3	150	2	24	8		3	200	100			
Musquarro.....	1	20	500	2	2	80	2	10	2		1	50	20			
Totals.....	3	60	1500	9	13	500	12	106	20		13	950	370			

Maguénay Division extending from Manicouagan to Blancs Sablons, &c—Continued.
(Chaloupe to Watsheeshoo.)

NETS AND SEINES.

No.	Herring Nets.			Mackerel Seines.			Mackerel Nets.			Capelin Seines.			Launce Seines.			Seal Nets.			Trap Net.	
	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	
	\$			\$			\$			\$			\$			\$			\$	
		10	400	100							1	50	60	1	50	60				
		10	400	100							1	50	60	1	50	60				
		4	80	40							4	200	240	3	150	180			1 400	
											1	50	60	1	50	60				
											2	100	120	2	100	120				
											2	100	120	1	50	60				
		4	80	40							1	50	60	2	100	120				
											1	50	60	1	50	60				
		40	800	400							4	200	240	4	200	240				
		10	200	100							5	250	280	5	250	300				
											3	150	150	3	150	150				
		10	200	10							4	200	200	6	300	300				
		4	80	40							1	50	50	1	50	50				
		4	80	40							1	50	50				1	20	25	
		96	2320	870							31	1550	1750	31	1550	1760	1	20	25	
																	1	400		

(Watsheeshoo to English Point.)

	5	450	75							2	120	60	1	80	40						
	8	600	120							3	150	80	1	30	40						
	12	550	180							1	35	60									
	18	900	270							1	35	66	1	35	50						
	6	300	90										1	40	40						
	6	108	60							2	80	160	1	36	50						
	130	5200	1560							4	230	260	2	120	80						
	13	520	195							1	40	40									
	198	8628	2550							14	690	726	7	341	300						

(English Point to Coacoachoo.)

	10	400	120																		
	4	100	48							1	80	100				1	100	20			
	1	30	15																		
	1	30	15													1	100	20			
	4	100	48																		
	20	660	246							1	80	100				2	200	40			

RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County of

ST. AUGUSTINE SUB-DIVISION

NAME OF PLACE.	VESSELS.			FISHING BOATS.		FLAT BOATS.		No. of Fishermen.	No. of Shoremen.	Salmon Nets.			Cod Seines.		
	No.	Tons.	Value.	No.	Value.	No.	Value.			No.	Yards.	Value.	No.	Yards.	Value.
			\$		\$		\$				\$		\$		
Coacoachoo						1	10	2		2	150	50			
Manishwachi				3	60	2	12	3		3	200	100			
Etamamu				1	25	3	50	3		7	400	150			
Point à Mourier				1	80	1	15	2		3	100	50			
St. Mary's Islands				2	50	1	10	5		1	50	25			
Netagamio River				2	40	1	8	3		4	170	100			
Harrington Harbour				20	800	14	140	29	5	3	100	75	1	400	250
Little Meccatina				4	160	3	20	6		2	80	60			
Whale Head, West				6	180	4	40	9		5	300	100			
Rigolet au Chat				6	180	4	40	7		1	50	50			1
Gull Island				1	20	1	7	1		2	150	100			
Providence Island				2	50	1	10	3		2	150	100			
Sloop Harbour				6	180	5	50	9							
Mutton Bay				34	1020	16	160	55	10	11	360	300	3	1200	600
Grand Meccatina				2	40	2	30	3		1	100	75			1
Bay Rouge				2	40	1	10	2		3	150	100			
La Tabatière				7	300	7	70	12		5	150	100			3
Lac Salé Tabatière						1	10	1		3	120	100			
Grand Meccatina Island				3	75	5	50	3		5	200	100			1
Fonderie à Fectean						1	10	1		3	100	80			
Kikapoe				2	50	2	20	4		5	150	100			
Kikapoe River						1	20	1		5	150	100			
Red Point						1	20	1		2	60	60			
Whale Head, East				1	50	1	30	1		2	150	50			
Pocachoo				1	30	1	10	1		6	200	100			
Little Rigolet						3	50	2		8	200	120			
Big Rigolet						1	20	1		6	150	50			
Dog Island				1	50	2	50	3		5	160	100			
Lac Salé, St. Augustine															
River Island						2	40	2		7	170	100			
Sandy Island				1	30	1	30	2		1	30	40			
St. Augustine Harbour						2	30	2		3	170	100			
St. Augustine River				1	40	2	70	2		3	150	100			
Causasippi						1	25	2		6	100	100			
Rapid à Frazer				1	37	1	12	1		7	170	100			
St. Augustine Bay						1	8	1		5	120	80			
Pointe à Giroux				1	20	1	8	1		4	100	80			
L'Anse au Portage				1	70	1	10	1		4	150	80			
Canso Harbour				1	20	1	12	1		3	80	60			
Chicatica				1	20	2	40	2		3	150	100			
Totals				116	3817	103	1297	195	15	153	5770	3485	4	1600	850

RETURN showing Number and Value of Vessels, Boats, Nets, &c., in the County of

BONNE ESPERANCE SUB-DIVISION

NAMES OF PLACES.	VESSELS.				FISHING BOATS.		FLAT BOATS.		No. of Fishermen.	No. of Shoremen.	Salmon Nets.			Cod Seines.			No.
	No.	ons.	Value.	No. of allors.	No.	Value.	No.	Value.			No.	Yards.	Value.	No.	Yards.	Value.	
			\$			\$		\$				\$	\$				
Nabitiippi					1	20	1	20	2	.....	2	100	50				
Bull Cove & Rocky Bay.....					5	250	6	140	10	5	5	500	200				
Lydia's Cove and Pêche à Lizotte...					1	20	3	60	3	.....	4	400	200				
Dog Island.....					1	40	3	100	2	.....	2	400	100				
Old Fort.....					10	1000	4	200	20	10							
St. Paul's River.....					2	200	4	100	2	.....	8	400	200				
Burnt Island.....					6	500	4	200	12	6							
Waby Island.....					9	800	4	200	18	9				1	200	400	
Bonne Esperance.....					30	3000	15	1400	60	30	3	300	150	3	600	1400	
Pigeon Island.....					10	800	4	400	20	10	3	300	150	2	400	600	
Stick Point.....					4	400	2	100	8	4	4	400	200	1	200	300	
Salmon Bay.....	2	400	5000	16	50	5000	20	1600	100	50	1	300	150	9	1800	2600	
Little Fishery.....					1	100	2	100	4	2	2	400	200				
Five Leagues.....					4	400	2	100	8	4	1	200	100				
Middle Bay.....	4	250	2000	24	21	1020	11	520	42	21				4	800	1500	
Belles Amours.....					1	50	1	20	2	1							
Bras d'Or.....					1	50	2	100	4	2							
Anse des Dunes & Long Point.....					1	50	4	200	6	3	1	100	50				
Totals	6	650	7000	40	158	13700	92	5560	323	157	36	3800	1750	20	4000	6800	1

ISLAND OF

Jupiter River					1	30	2	10	1	.....	2	400	100				
Otter River							1	5	1	.....	1	70	25				
St. Mary's River							1	5		.....	1	50	20				
Beesie River					1	30	2	10	1	.....	1	6	25				
Ellis Bay	1	25	500	3	1	50	2	15	2	.....						
Strawberry Cove					23	575	20	100	31	5							
English Bay					25	1000	20	100	30	10							
Squaw Harbour					12	480	12	84	24	3							
Macdonald's Cove					26	1040	20	100	52	10	1	60	40				
Capelin Bay and Cow Point					17	510	15	90	34	5							
Indian Harbour					15	600	12	72	30	3							
Tapp's Cove					9	360	9	54	18	2							
Wreck Point					8	320	7	49	16	2							
Mauzerolles River					13	520	9	75	26	5							
Salmon River					1	40	2	15	3		3	120	100				
Fox Bay					6	400	6	50	12	2	1	50	50				
Dauphine River & Shallop Creek					1	40	3	40	2	.....	2	200	100				
Totals	1	25	500	3	159	5995	143	874	283	47	12	1010	460				

NETS AND SEINES.

ring ines.	Herring Nets.			Mackerel Seines.			Mackerel Nets.			Capelin Seines.			Launce Seines.			Seal Nets.			Trap Nets.	
Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Value.
¢			¢			¢			¢			¢			¢			¢	Trap Nets.	
										1	200	100	1	20	40	4	80	40		
																1	20	10		
																10	600	500		
																2	40	20		
										1	100	150	1	20	40					
										1	100	150	1	20	40					
										2	200	300	1	20	40					
										1	200	150	1	20	40				1	400
										1	200	150	1	20	40					
										6	500	250	6	120	240				3	1200
										1	200	100	1	20	40	6	400	400	1	400
										2	400	200	2	40	80	6	400	400		
										1	200	100				6	400	400		
																16	1000	800		
																28	1700	1300	2	800
00	300	4	200	100						17	2300	1650	15	300	600	79	4640	3870	8	3200

NT1COSTI.

[illegible]

Return showing Number and Value of Vessels, Boats, Nets, &c., in the County of Saguenay Division, extending from Manicouagan to Blancs Sablons, &c.—Continued.

TOTAL OF ALL THE SUB-DIVISIONS IN THE COUNTY OF SAGUENAY.

NAME OF PLACE.	VESSELS.			FISHING BOATS.			FLAT BOATS.		NETS AND SEINES.													
	No.	Tons.	Value.	No. of Sailors.	No.	Value.	No.	Value.	Salmon Nets.			Cod Seines.			Herring Seines.			Herring Nets.				
									No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.
Godbout.....	2	25	320	4	16	526	9	176	13	1330	910	...	...	...	1	200	100	3	116	56
Trinity.....	16	344	9155	63	87	2135	62	500	18	2080	585	1	150	15	...	...	...	60	2902	647
Moisie.....	6	138	3175	22	83	3104	87	743	37	8850	5235	...	...	...	...	...	...	68	2683	953
Mingan.....	22	550	11000	264	410	17870	217	2394	18	2100	1042	...	...	...	...	...	...	96	2320	870
Natashquan.....	9	206	4900	69	139	5790	140	1282	310	85	6855	4805	2	160	160	...	...	198	8628	2550
Washeccootai.....	3	60	1500	9	13	500	12	106	20	...	33	950	370	...	...	...	...	20	660	246
St. Augustine.....	116	3817	103	1297	195	15	153	5770	3485	4	1600	850	14	3900	1780	77	3130	1193	
Bonne Esperance.....	6	650	7000	40	158	13700	92	5560	323	157	36	3800	1750	20	4000	6800	1	200	300	4	200	100
Island of Anticosti.....	1	25	500	3	159	5995	143	874	283	47	12	1010	460	345	15420	6025
Totals.....	65	1998	37540	474	1181	53437	865	12932	2335	653	330	32725	18642	27	5910	7825	16	4300	2180	871	36059	12640

TOTAL FOR GULF DIVISION.

County of Bonaventure.....	41	4340	200560	249	383	18365	441	4326	1005	346	751	32829	15891	1	108	80	4	400	200	955	35305	10420
do Gaspé.....	52	2554	72750	240	1613	71464	1360	12193	3382	1299	110	23561	7748	7	286	57	15	2350	1600	2811	109085	31088
do Saguenay.....	65	1998	37510	474	1181	53437	865	12932	2335	653	339	32725	18642	27	5910	7825	16	4300	2180	871	36059	12640
Totals.....	158	8892	310850	963	3077	143266	2666	29451	6722	2298	1200	89118	42281	35	6354	7962	35	7050	3980	4637	180449	57148

RETURN SHOWING NUMBER AND VALUE OF VESSELS, LOGS, NETS, BOATS, AND COUNTY OF SAGUENAY.

to Blancs Sablons, &c.—Continued.

TOTAL OF ALL THE SUB-DIVISIONS IN THE COUNTY OF SAGUENAY.

NETS AND SEINES.

NAME OF PLACE.	Mackerel Seines		Mackerel Nets.		Capelin Seines.		Launce Seines.		Seal Nets.		Brush Fisheries.		Trout Nets.		Trap Nets.	
	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.	Yards.	Value.	No.
Godbout.....	2	360	650	2	110	45	1	100	60	6	700	250	1	25	250	1
Trinity.....	2	330	318	3	162	52	2	100	96	1	100	96	2	45	100	2
Moisie.....	...	...	...	9	462	109	7	466	354	...	...	...	2	45	...	...
Mingan.....	...	...	...	31	1550	1750	31	1550	1760	1	20	25	...	...	...	...
Natashquan.....	...	...	...	13	690	726	7	341	300	...	...	...	...	...	...	...
Washecootal.....	...	...	...	1	80	100	...	...	...	2	200	40	...	...	...	...
St. Augustine.....	...	...	...	23	3980	1805	...	...	...	19	7365	4470	...	...	...	...
Bonne Esperance.....	...	...	...	17	2300	1650	15	300	600	79	4640	3870	...	...	...	...
Island of Anticosti.....	...	...	...	16	980	520	...	...	...	...	...	...	...	...	...	...
Totals.....	4	690	968	108	1174	376	63	2857	3170	107	12925	8655	3	70	12925	5600

TOTAL FOR GULF DIVISION.

County of Bonaventure.....	...	...	...	199	6456	2592	105	5010	3160	...	...	...	86	4540	855	13	130	...	1	400
do Gaspé.....	5	730	749	887	34663	9390	97	5026	3193	15	669	639	107	12925	8555	7	110	...	2	750
do Saguenay.....	4	690	968	25	1174	376	108	10019	6791	63	2857	3170	193	17465	9510	3	70	23	143	5600
Totals.....	9	1420	1717	1111	42293	11358	310	20055	13144	78	3528	3869	193	17465	9510	23	310	23	143	6750

RETURN showing the Kinds and Quantities of Fish in the County of Bonaventure
Province of Quebec

RISTIGOUCHE SUB-DIVISION-

NAME OF STATION.	Salmon, barrels, cured.	Salmon, fresh, in ice.	Salmon, in cans, lbs.	Summer Fishing.	Fall Fishing.								
				Cod, quintals.	Cod, quintals.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked Herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.
Twenty-two fishermen on the Quebec side of Ristigouche.....	...	36856	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

NEW RICHMOND SUB-DIVISION-

Maguasha and Nouvelle	8150								800	850			
Carleton	9234								2500	1000			
Maria	25330								3500	900			
New Richmond and Black Capes.	19826								1500	400			
Capelin	1577								10000	1150			
Little and Grand Bonaventure. }			900	1300	165	55							
New Carlisle			70	170	10	9			1000				
Paspebiac			250	900	70	35			1500	400			
Totals.....	64117		1220	2370	245	99			20800	4700			

PORT DANIEL SUB-DIVISION-

Nouvelle and Shigawak			960	1500					1650				
Port Daniel Bay	16509		500	920					500				
L'Anse au Gascon	823		1300	1450					500				
Totals.....	17332		2760	3870					2650				

TOTAL FOR COUNTY

Ristigouche Sub-division	36856												
New Richmond do	64117		1220	2370	245	99			20800	4700			
Port Daniel do	17332		2760	3870					2650				
Totals	118305		3980	6240	245	99			23450	4700			

vision, extending from Head of Tide, Ristigouche, to Point Maquereau, in the
the Year 1884.

Head of Tide, Ristigouche to Maguasha).

Cod Tongues and Sounds, barrels.	Seals, Whales and Porpoises.				Oils.				Fish and Clams used as Bait and Manure.								Lobsters, in lb. cans.	Fish used for Local Con- sumption, barrels.
	No. of Seals.	No. of Seal-skins.	No. of Whales.	No. of Porpoises.	Seal Oil, gallons.	Whale Oil, gallons.	Porpoise Oil, galls.	Cod Oil, gallons.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Flat-fish, barrels.	Squid, barrels.	Trout, barrels.	Launce, barrels.	Clams, barrels.		
.....

Maguasha to Paspebiac Point).

.....	.....	.....	.....	.....	.....	.....	.....	.....	400	.....	.....	500	.....	.....	.....	50	.....	225
.....	.....	.....	.....	.....	.....	.....	.....	.....	3000	.....	.....	2000	.....	.....	.....	30	.....	300
.....	.....	.....	.....	.....	.....	.....	.....	.....	2000	.....	.....	1000	.....	.....	.....	30	.....	320
.....	.....	.....	.....	.....	.....	.....	.....	.....	1000	.....	.....	250	.....	.....	.....	20	.....	800
75	.....	.....	.....	.....	.....	.....	.....	900	7500	.....	.....	700	.....	.....	.....	190	69000	2550
10	.....	.....	.....	.....	.....	.....	.....	75	700	.....	.....	20	.....	.....	.....	6	.....	325
40	.....	.....	.....	.....	.....	.....	.....	650	1000	.....	.....	.....	.....	.....	.....	120	.....	375
125	.....	.....	.....	.....	.....	.....	.....	1625	15600	.....	.....	4470	.....	.....	.....	446	69000	4895

Paspebiac to Point Maquereau).

5	.....	.....	.....	.....	.....	.....	.....	1230	1750	1350	15	.....	37	.....	.....	6	.....	1350
4	.....	.....	.....	.....	.....	.....	.....	710	750	400	.....	.....	16	.....	.....	5	88644	450
6	.....	.....	.....	.....	.....	.....	.....	1275	900	900	.....	.....	40	.....	.....	.....	.....	450
15	.....	.....	.....	.....	.....	.....	.....	3215	3400	2650	15	.....	93	.....	.....	11	88644	2250

F BONAVENTURE.

2	125	.....	.....	.....	.....	.....	.....	1625	15600	.....	.....	.....	.....	.....	.....	446	69000	4895
	15	.....	.....	.....	.....	.....	.....	3215	3400	2650	15	4470	93	.....	.....	11	88644	2250
2	140	.....	.....	.....	.....	.....	.....	4840	19000	2650	15	4470	93	.....	.....	457	157644	7145

RETURN showing the Kinds and Quantities of Fish in the County of Gaspé Division
Province of
GASPÉ SUB-DIVISION

NAME OF STATION.	Salmon, cured, barrels.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Summer Fishing. Cod, quintals.	Fall Fishing. Cod, quintals.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked Herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.
Little River, West.....				835	670	4							
Newport and Anse aux Canards.....		80		5735	2930	66	36	2	316		5		
Grand Pabos.....		1150		1600	700	14	8	3	137			2	
Little Pabos and Anse au Basque.....		1900		2611	1333	19	12	2	190			1	
Grand River.....		800		3690	2290	19					22		
Little River, East.....				2098	840				124	3			
Cape Despair.....				915	445				33				
Cape Cove.....		769		2344	1635				142				
Anse au Beaufils.....				735	545				72				
Bonaventure Island.....				2311	381				21				
Percé.....				4880	1375				135				
Corner of Beach and Cannes de Roches.....		1760		655	410								
Barachois River.....		3000		1250	600				25			1	
Malbaie and Belle Anse.....		2900	4715	1510	450				25				
Point St. Peter.....		1000		2790	792				15				
Chien Blanc.....				600	400				40		3		
Bois Brulé and Douglastown.....		2312		920	460				10			3	
Sandy Beach.....		4840		229	49				24		16		
Gaspé Basin and South-West Bay.....		11780		20					10			2	
North-West Bay and River.....		4720		180	38				10		5	1	
Peninsula and Cape aux Os.....		8200		309	213				30				
Seal Rock and Little Gaspé.....		2350		252	133				37		2		
Grand Grève and St. George's Cove.....		1950		882	269				70				
Indian Cove and Ship Head.....				984	417				62				
Totals.....	49511	4715	38335	17365	122	56	7	1528	3	53	10		

ending from Point Maquereau to Cape Chatte and Magdalen Islands, in the
ebec, &c.—Continued.
int Maquereau to Cape Gaspé).

Cod Lobsters and Seals.	Seals, Whales and Porpoises.				Oils.				Fish and Clams used as Bait and Manure.								Lobsters, in cans, lbs.	Fish used for Local Consumption, barrels.
	No. of Seals.	No. of Seal Skins.	No. of Whales.	No. of Porpoises.	Seal Oil, gallons.	Whale Oil, gallons.	Porpoise Oil, galls.	Cod Oil, gallons.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Cod Roes, barrels.	Squid, barrels.	Trout, barrels.	Launce, barrels.	Clams, barrels.		
5								885	115	24	4	27						61
31								5808	739	1296	70	210			5		25200	236
15								1250	324	69	103	162				75	21000	68
19								2382	343	476	33	133				1		165
39				3			12	3600	1129	266	5	44	71					283
12								1863	545	121			133					147
4								910	275	28			24				40000	78
14								2245	1220	12			81					218
1								710	290				27					68
4								1415	92				55					30
								3650	1310	120			141		3			464
								725	103		62		31					11
								1200	70		25		10			15		115
								1565	285	40	5		27		25		22455	155
1								2272	312	81	8		32		91			55
2								1000	50				20		6			80
5								550	62				5				2000	710
								62							22	52		216
			4			2000										2		65
	2		2			5		75	34		3					1		85
								161	73									55
								173	59									35
								476	118				10					64
								702	251									45
152	2		2	4	3	5	2000	12	33649	7799	2533	318	44	1199	152	146	110855	3509

RETURN showing the Kinds and Quantities of Fish in the County of Gaspé Division
MAGDALEN RIVER SUB-DIVISION

NAME OF STATION.	Salmon, cured, barrels.	Salmon, fresh, in ice, lbs.	Salmon, in lb. cans.	Summer Fishing.	Fall Fishing.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Herring, smoked, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.
				Cod, quintals.	Cod, quintals.								
Cap des Rosiers.....				830	400			10	300				
L'Anse à Louise.....				1440	650				120				
Three Runs and Jersey Cove.....				800	450				65				
Anse à Grisfonds.....				2250	1200			10	200				
Anse à Fougère.....				120	75				25				
Fox River.....				2750	1500			10	300				
Little Fox River.....				420	250				70				
Little Cape.....				360	180				60				
Echourie and Grande Anse.....				315	150				48				
Pointe Jaune.....				300	150				45				
Anse à Valeau.....				330	175				25				
Grand Etang.....				250	110			3	15				
Pointe Sèche.....				950	500				30				
Big and Little Chlorydorme.....				1400	400			5	30				
Little Anse.....				280	100				30				
Frigate Point.....				500	75				30				
Little Vallée.....				250	50				20				
Anse à Collin and Anse à Mercier.....				150	75				10				
Grande Vallée.....	5			700	200				20				
Grande Anse.....				20					20			4	
Magdalen River and Cap à l'Ours.....	10			300	100			10	50				
Little Magdalen.....				50	40				10				
Manche d'Epée.....				150	75				10				
Gros Mâle.....				250	100				10				
Ruisseau des Olives and Anse Pleureuse.....				150	150				20				
Mont Louis.....	18			1750	1100			5	200			3	
Rivière à Pierre and Claude River.....				350	210				50				
Totals.....	33			17415	8465			53	1813			7	

tending from Point Maquereau to Cape Chatte and Magdalen Islands, &c.—*Con.*
ape Gaspé to Claude River).

Cod Tongues and Sounds, barrels.	Seals, Whales and Porpoises.				Oils.				Fish and Clams used as Bait and Manure.				Lobsters, in lb. cans.	Fish used for Local Consumption, barrels.				
	No. of Seals.	No. of Seal Skins.	No. of Whales.	No. of Porpoises.	Seal Oil, gallons.	Whale Oil, gallons.	Porpoise Oil, galls.	Cod Oil, gallons.	Herring, barrels.	Capelns, barrels.	Smelt, barrels.	Cod Roes, barrels.			Squid, barrels.	Trout, barrels.	Launce, barrels.	Clams, barrels.
								500	830				40					200
								1000	520				35					75
1								650	550				30					80
								1700	1250				100	5				325
								80	70				5					15
8								2375	1375				75					350
1								350	280				20					42
1								270	250				15					35
1								235	200				8					18
								225	180				9					25
								260	100				10					30
2								180	50				5	5				8
								750	175				10					50
5								900	300				20					100
								200	50				5					50
								275	200				15					60
								150	40				10					50
								100	90				10					10
								500	500				20					70
								5	5				2					5
5								200	80				5					80
								30	35				5					20
								120	75				7					25
								175	150				10					20
								150	90				5					50
3								1500	1000				20	5				250
								230	160				10	2				50
28								13110	8605				506	17				2093

RETURN showing the Kinds and Quantities of Fish in the County of Gaspé Division.

ST. ANNE DE MONTS SUB-DIVISION

NAME OF STATION.	Salmon, cured, barrels.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Summer Fishing.	Fall Fishing.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked Herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.
Marsoui and Martin River.....	12½	3351		541	1337				99		10	26½	
Ste. Anne de Monts	10			114	505			3	15		3	10	30
Cape Chatte.....													
Totals.....	22½	3351		655	1842			3	114		13	36½	70

MAGDALEN ISLANDS

Amherst Island.....				4920	550	154		19	293		938		
Grindstone do				4070	120	160		15	50				
Allright do				170					600		230		
Grosse do				45									
Bryon do				615				10		6			
Entry do									24		30		
Wolf do				30									
Totals.....				9850	670	314		44	967	6	1198		

TOTAL FOR THE

Gaspé Sub-division.....		49511	4715	38335	17365	122	56	7	1528	3	53	10	
Magdalen River do	33			17415	8465			53	1813				
Ste. Anne's do	22½	3351		655	1842			3	114		13	36½	30
Magdalen Islands' do				9850	670	314		44	967	6	1198		
Totals.....	55½	52862	4715	66255	28342	436	56	107	4422	9	1264	46½	30

ending from Point Maquereau to Cape Chatte and Magdalen Islands, &c.—*Con.*
 unde River to Cape Chatte.)

barrels.	Seals, Whales and Porpoises.				Oils.				Fish and Clams used as Bait and Manure.								Lobsters, in lb. cans.	Fish used for Local Consumption, barrels.
	No. of Seals.	No. of Seal Skins.	No. of Whales.	No. of Porpoises.	Seal Oil, gallons.	Whale Oil, gallons.	Porpoise Oil, galls.	Cod Oil, gallons.	Herring, barrels.	Capelin, barrels.	Smelt, Barrels.	Cod Roes, barrels.	Squid, barrels.	Trout, barrels.	Launce, barrels.	Clams, barrels.		
50	20	.....	.....	.....	84	466	118	300	.....	.....	.....	.....	9	20	.....	225
.....	81	80	.....	.....	.....	2	6	.....	12	.....	170
50	20	.....	.....	.....	84	547	198	300	.....	.....	2	6	9	32	.....	395

3-DIVISION.

5	456	456	...	2318	.....	2370	1500	5	.....	67	.....	41	77392	520
6	124	124	...	720	.....	2015	800	.....	.....	.....	.....	50	177976	325
.....	1000	1000	...	4000	.....	85	300	.....	.....	.....	.....	.....	39256	85
.....	.....	.....	.....	.....	.....	22	150	.....	.....	.....	.....	.....	194880	40
.....	.....	.....	.....	.....	.....	300	.....	.....	.....	.....	.....	.....	30480	25
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....	.....	.....	2	8
11	1580	1580	...	7038	.....	4807	2750	5	.....	67	.....	93	519984	1033

UNTY OF GASPÉ.

152	2	2	4	3	5	2000	12	33649	7799	2533	318	44	1199	...	152	146	110655	3509
28								13110	8605				506	17				2093
50				20			84	547	198	300			2	6	9	32		395
11	1580	1580			7038			4807	2750	5			67			93	519984	1033
241	1582	1582	4	23	7043	2000	96	52113	19352	2838	318	44	1774	23	161	271	630639	7030

RETURN showing the Kinds and Quantities of Fish in the County of Saguenay
Quebec, 1886

GODBOUT SUB-DIVISION

NAME OF STATION.	Salmon, cured, barrels.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Summer Fishing.	Fall Fishing.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked herring, boxes.	Mackerel, barrels.	Trout, barrels.
				Cod, quintals.	Cod, quintals.							
Manicouagan and English Bay.....												
Grand and Little St. Nicholas....												
Pointe Rouge.....		1144										
Godbout River.....		582										
Godbout Bay.....		1213			15			1	2			11
La Table.....												
Point de Monts		8269			34			1				
St. Pancras and Mistassini.....												6
Beccie River and Point à la Croix.....									17			
Totals.....		11208			49			2	19			17

TRINITY SUB-DIVISION

Trinity Bay.....		10405			32							3
Petit Mai.....		2036		95	295			1½	12			½
Islets à Caribou.....	31½			89	277			6½	18			4
Calumet and Isles aux Oeufs.....				80	240			1	47			
Point aux Anglais.....				181	544			1	91			5
Pentecost River and Portage.....				101	289				18			4
Cailles Rouge and Cawees.....				100	302						21	
Totals.....	31½	12441		646	1979			10	186		21	16½

MOISIE SUB-DIVISION

Jambons.....				160	1671			½	420		2	
Ste. Marguerite.....	10	1050		5	262			8½				½
Seven Islands.....		5400		309	678			12	51		297	½
Moisie.....	2	96376		797	2169			18				4
Pigou.....				462	270			10				
Rivière au Bouleau.....				120	90			2	15			
Totals..	12	102826		1853	5140			51	486		299	5

vision extending from Manicouagan to Blancs Sablons, in the Province of
Year 1884.

Manicouagan to Point de Monts).

Cod, Tongues and Sounds, barrels.	Seals, Whales and Porpoises.				Oils.				Fish and Clams used as Bait and Manure.							Lobsters, in lb. cans.	Fish used for Local Con- sumption, barrels.
	No. of Seals.	No. of Seal-skins.	No of Whales.	No. of Porpoises.	Seal Oil, gallons.	Whale Oil, gallons.	Porpoise Oil, galls.	Cod Oil, gallons.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Cod Roes, barrels.	Squid, barrels.	Trout, barrels.	Launce, barrels.	Clams, barrels.	
34	34				102												4
126	126				386												
								12	1				1				15
107	107			91	722		182										
153	153				978			20	2				3				12
1	1			14	3		28										
421	421			105	2191		210	32	3				4				31

Point de Monts to Baie des Rochers).

359	359		2154		22	2											17
					309	15							5				23
					291	19							2	3			29
					262	22							3				19
					586	45							10			14	55
					292								10	25			43
					306	2							3	20	15		30
359	359		2154		2068	105							33½	48	46½		216

Sablons to Rivière au Bouleau).

8					373	151							43				33
					122								23				11
6	52	52		159	330	25							104	3			95
2					1137								139				100
1					304								39	13			25
					80	8							30				12
17	52	52		159	2382	184	131						378	16			276

RETURN showing the Kinds and Quantities of Fish in the County of Saguenay

MINGAN SUB-DIVISION

NAME OF STATION.	Salmon, barrels, cured.	Salmon, fresh, in ice.	Salmon, in cans.	Cod, quintals.	Cod, quintals.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked Herring, boxes.	Mackerel, barrels.	Trout, barrels.	Shad, barrels.
Chaloupe				580	200				70				
Sheldrake	4			1920	140				30				
Trout River				200	60				20				
Thunder River				1200	400				60				
Dock Creek and Rich Point				4700	230				70				
Jupitagan River	3			50	40				4				
Maggie Bay				3300	1200				600				
Maggie River	52												
St. John's River		30101		2300	600				30				
Long Point				1300	350								
Mingau	30												
Esquimaux Point				600	600				2000				
Betchouan				50	50				100				
La Corneille	15				20								
Piashter Bay	12				50				30				
Totals	116	30101		16200	3940				3014				

NATASHQUAN SUB-DIVISION

Nabissipi	20			500	650			8	50				
Agwanus	31½			520	550			7	350				
Grand Ruisseau				250	200			2	500				
Iles de Michon				400	625			4	400				
Washtawooka				250	405			1	165				
Canadian Harbour				2850	300			9	2020				
Natashquan	55			1000	500			8	2000				
River Natashquan	255			264	274				118			3	
Totals	361½			6034	3504			39	5603			3	

WASHEECOOTAI SUB-DIVISION

Kegashka River	30											10	
Kegashka Harbour				240									
Curlew Point	7												
Cloudberry Point	10												
Washeecootai	20											10	
Musquaro	2												
Romaine	11											12	
Totals	80			240								32	

vision, extending from Manicouagan to Blancs Sablons, &c.—*Continued.*
 tending from Chaloupe to Watsheeshoo).

Cod Tongues and Soundings, barrels.	Seals, Whales and Porpoises.				Oils.				Fish and Clams used as Bait and Manure.								Fish used for Local Consumption, barrels.
	No of Seals.	No. of Seal Skins.	No. of Whales.	No. of Porpoises.	Seal Oil, gallons.	Whale Oil, gallons.	Porpoise Oil, galls.	Cod Oil, gallons.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Cod Roes, barrels.	Squid, barrels.	Trout, barrels.	Launce, barrels.	Clams, barrels.	
								200		70					70		50
								770		100					160		80
								70		40					80		40
								500		15					200		100
								2100		120					200		100
								15		10					15		6
								1700		290					335		200
																	5
								1010		150					230		150
								680		50					100		50
								400		100			50		25	50	750
	1318	1318	1		5272	1440		50		10			10		2		50
								10		5					5		10
								20		10					5		10
	1318	1318	1		5272	1440		7525		970			60		1427	50	1611

(Watsheeshoo to English Point).

2								200		60					30	3	40
2	300	300			260			480		50					55	6	40
3								190		100					30	10	15
4								340		250					3	2	10
2	60	60			160			200		106					10	3	10
2								800		500					100	5	100
5	900	900			3500			550		400					20	10	150
2								210		100						1	30
22	1260	1260			3920			2970		1566					248	40	395

(English Point to Coacoachoo.)

																	4
	100	100			200			100		50						50	6
																	3
																	15
	100	100			200			100		50						50	28

RETURN showing the Kinds and Quantities of Fish in the County of Saguenay

ST. AUGUSTINE SUB-DIVISION.

NAME OF STATION.	Salmon, barrels, cured.	Salmon, fresh, in ice.	Salmon, in cans.	Cod, quintals.	Cod, quintals.	Summer Fishing.	Fall Fishing.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.
Coacoachoo.....	3														
Wolf Bay.....	2 $\frac{1}{2}$				25										
Etamamu River.....	50														
Point de Morier.....	1				15										
St. Mary's Islands.....	1 $\frac{1}{2}$				25										
Netagamion.....	1				30										
Harrington Harbour.....	1				478										
Little Meccatina.....	3 $\frac{1}{2}$				3										
Whale Head.....	13				43										
Rigolet au Chat.....	1 $\frac{1}{2}$				26										
Gull Island.....	1 $\frac{1}{2}$				12										
Providence Island.....	1				25										
Sloop Harbour.....					20										
Mutton Bay and River.....	25				861										
Grand Meccatina.....	6				30										
Red Bay.....	4				35										
La Tabatière.....	4				94										
Lac Salé.....	2														
Grand Meccatina Island.....	3 $\frac{1}{2}$				20										
Fonderie à Pecteau.....	2 $\frac{1}{2}$														
Kekapoe.....	4														
Red Point.....	1													1	
Whale Head, East.....	1													1	
Pocachoo.....	5														
Little Rigolet.....	11													2	
Big Rigolet.....	5													1	
Dog Island.....	22 $\frac{1}{2}$													2	
Lac Salé, St. Augustine.....	22 $\frac{1}{2}$													2	
River Island.....	3													1	
Sandy Island.....	5				30									4	
St. Augustine Harbour.....	5				25									2	
St. Augustine River.....	12													1	
Caucasippi.....														1	
Rapid à Frazer.....	5														
St. Augustine Bay.....	3														
Point à Fenian.....	2 $\frac{1}{2}$				6										
L'Anse au Portage.....	5														
Canso Harbour.....	1														
Chicatica.....	3				50										
Totals.....	241 $\frac{1}{2}$				1853									18	

RETURN showing the Kinds and Quantities of Fish in the County of Saguenay

BONNE ESPERANCE SUR

NAME OF STATION.	Salmon, barrels.	Salmon, fresh, in ice.	Salmon, in cans.	Summer. Fishing. Cod, quintals.	Fall Fishing. Cod, quintals.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked Herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.
Nabitiippi	4			10									
Bull Cove	12			10									
Bay of Rocks	7			200									
Lydia's Cove	5			10									
Pêche à Lizotte	2												
Dog Island	1			25									
Old Fort				550									
St. Paul's River	80												
Burnt Island				600									
Waby Island				700									
Bonne Esperance	10			3000									
Pigeon Island	10			1000									
Stick Point	10			350									
Salmon Bay	20			6000									
Little Fishery	8			100									
Five Leagues	2			400									
Middle Bay				1225									
Belles Amours				25									
Bradore				125									
Anse des Dunes				25									
Long Point													
Totals	171			14355									

ISLAND OF

Jupiter River	15											5
Otter River	$\frac{3}{4}$											$1\frac{1}{2}$
St. Mary's River	$\frac{1}{2}$											
Beecle River	2											2
Strawberry Cove				600	100			8	50			
English Bay				1000	200			30	100			
Squaw Harbour				755					250			
Macdonald's Cove				1400	100			5	740			
Capelin Bay				150	50				60			
Cow Point				620					360			
Indian Harbour				780	100				300			
Tops Cove				345	20				150			
Wreck Point				310	20				140			
Manzerolles River				730	100				715			
Salmon River	10											
Fox Bay	$5\frac{1}{2}$			150	25			10	225			
Dauphiné River	20											
Totals	53 $\frac{1}{2}$			6840	715			53	3090			8 $\frac{1}{2}$

vision, extending from Manicouagan to Blancs Sablons, &c.—Continued.

VISION—(Chicatica to Blancs Sablons).

Cod Lobsters and Crabs barrels.	Seals, Whales and Porpoises.				Oils.				Fish and Clams used as bait and Manure.							Lobsters, in lb. cans.	Fish used for Local con- sumption, barrels.	
	No. of Seals.	No. of Seal-skins.	No. of Whales.	No of Porpoises.	Seal Oil, galls.	Whale Oil, galls.	Porpoise Oil, galls.	Cod Oil, galls.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Cod Roes, barrels	Squid, barrels.	Trout, barrels.	Launce, barrels.			Clams, barrels.
								5		5								5
								5		5								5
								100		50								8
								5										
	100	100			700			12		10								8
								275		300					50			5
								300		300					50			20
								350		300					50			10
								1500		2000					500			500
								500		450					50			40
								175		100					20			15
								3000		800					280			200
	40	40			200			50		50								5
	50	50			300			200		100								10
								612		400								40
	100	100			700			12		20								5
	200	200			1400			60		50								10
	100	100			700			12		20								40
	200	200			1400													20
	790	790			5400			7173		4960					1000			971

TICOSTI.

	50	50			65					50			10					2
	30	30			60								25					80
								230	50	100			25					100
								365	50	75			10					20
								670	100	75			25					20
								75	25	30			10					5
								310	100	80			20					10
								365	110	75			20					10
								215	50	29			10					5
								190	45	20								5
								312	100	70			20					10
																		5
								75	20	20			10					20
	80	80			125			3307	725	624			160					292

RETURN showing the Kinds and Quantities of Fish in the County of Saguenay

TOTAL OF THE SUB-DIVISIONS

NAME OF STATION.	Salmon, cured, barrels.	Salmon, fresh, in ice.	Salmon, in cans.	Summer Fishing. Cod, quintals.	Fall Fishing. Cod, quintals.	Haddock, quintals.	Ling, quintals.	Halibut, barrels.	Herring, barrels.	Smoked herring, boxes.	Mackerel, barrels.	Trout, barrels.	Sardines, barrels.	Bels, barrels.	Cod Tongues and Sounds, barrels.
Godbout.....		11208			49			2	19			17	5	10	
Trinity.....	31½	12441		646	1979			10	186		21	16½			
Moisie.....	12	102826		1853	5140			51	486		299	5			17
Mingan.....	116	30101		16200	3940				3014						
Natashquan.....	361½			6034	3504			39	5603			3			22
Washeecootai.....	80			240								32			
St Augustine.....	241½			1853								18			
Bonne Esperance.....	171			14355											
Island of Anticosti....	53½			6840	715			53	3090			8½			
Totals.....	1067	156576		48021	15327			155	12398		320	100	5	10	39

TOTAL OF

Co. of Bonaventure...	118305		3980	6240	245	99		23450	4700					82	140
do Gaspé.....	55½	52862	4715	66255	28342	436	56	107	4422	9	1264	46½	30	15	241
do Saguenay.....	1067	156576		48021	15327			155	12398		320	100	5	10	39
Grand Totals.....	1122½	327743	4715	118256	49909	681	155	262	40270	4709	1584	146½	35	107	420

Division, extending from Manicouagan to Blancs Sablons, &c.—*Concluded.*

THE COUNTY OF SAGUENAY.

Seals, Whales and Porpoises.				Oils.				Fish and Clams used as Bait and Manure.								Lobsters, in lb. cans.	Fish used for Local Consumption, barrels.
No. of Seals.	No. of Seal-skins.	No. of Whales.	No. of Porpoises.	Seal Oil, gallons.	Whale Oil, galls.	Porpoise Oil, galls.	Cod Oil, gallons.	Herring, barrels.	Capelin, barrels.	Smelt, barrels.	Flat Fish, barrels.	Squid, barrels.	Trout, barrels.	Launce, barrels.	Clams, barrels.		
421	421	...	105	2191	.....	210	32	3	.....	.....	.....	4	.....	48	46½	.....	31
359	359	.....	.....	2154	.....	.....	2068	105	.....	.....	.....	33½	.....	378	16	.....	216
52	52	.....	.....	159	.....	.....	2382	184	131	.....	.....	.....	.....	1427	50	.....	276
1318	1318	1	.....	5272	1440	.....	7525	.....	970	.....	.....	60	.....	248	40	.....	1611
1260	1260	.....	.....	3920	.....	.....	2970	.....	1568	.....	.....	.....	.....	.....	50	.....	395
100	100	.....	.....	200	.....	.....	100	.....	50	.....	.....	.....	.....	.....	25	.....	28
4407	4407	1	.....	23508	1200	.....	881	30	87	.....	.....	83	.....	1600	.....	.....	971
790	790	.....	.....	5400	.....	.....	7173	.....	4960	.....	.....	.....	.....	.....	.....	.....	292
80	80	.....	.....	125	.....	.....	3307	725	624	.....	.....	160	.....	.....	.....	.....	.....
8787	8787	2	105	42927	2640	210	26438	1047	8388	.....	.....	340½	.....	3101	227½	.....	3948

ULF DIVISION.

.....	.....	.....	.....	.....	.....	4840	19000	2650	15	4470	93	.....	.....	457	157644	7145
1582	1582	4	23	7043	2000	96	52113	19352	2838	318	44	1774	23	161	271	630639
8787	8787	2	105	42927	2640	210	26438	1047	8388	.....	.....	340½	.....	3101	227½	3948
10369	10369	6	128	50070	4640	306	83391	39399	13876	333	4514	2207½	23	3262	955½	788283
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	18123

RECAPITULATION

Of the Catch and Value of the Fisheries of the Gulf Division for 1884.

Description.		Rate.	Quantity.	Value.
		\$ cts.		\$ cts.
Salmon, salted.....	brls.	12 00	1,122½	13,470 00
do fresh, in ice.....	lbs.	0 08	327,743	26,219 44
do canned.....	"	0 15	4,715	607 25
Cod, summer, salt.....	cwt.	4 00	118,256	473,024 00
do fall do.....	"	4 00	49,909	199,636 00
Haddock, salt.....	"	4 00	681	2,724 00
Ling do.....	"	4 00	155	620 00
Halibut do.....	brls.	6 00	262	1,572 00
Herring do.....	"	4 00	40,270	161,080 00
do smoked.....	boxes.	0 25	4,709	1,177 25
Mackerel, salt.....	brls.	8 00	1,584	12,627 00
Trout do.....	"	8 00	146½	1,172 00
Sardines do.....	"	4 00	35	140 00
Eels do.....	"	7 00	107	749 00
Cod Tongues and Sounds, salt.....	"	9 00	420	3,780 00
Seal-skins.....	No.	1 00	10,369	10,369 00
Seal Oil.....	galls.	0 50	50,070	25,035 00
Whale Oil.....	"	0 50	4,640	2,320 00
Porpoise Oil.....	"	0 50	306	153 00
Cod Oil.....	"	0 50	83,391	41,695 50
Fish as bait and manure.....	brls.	1 00	64,570	64,570 00
Lobsters, canned.....	lbs.	0 15	788,283	118,242 45
Fish for local use, not included above.....	brls.	4 00	18,123	71,492 00
Total value in 1884.....				1,233,474 89
do 1883.....				1,626,388 09
Decrease in value in 1884.....				392,913 20

No. 5.

COMPANIES OF FISHERY OVERSEER'S REPORTS IN THE PROVINCE OF QUEBEC, EXCLUSIVE OF THE GULF DIVISION, FOR THE YEAR 1884.

SOUTH SHORE DIVISION—FROM POINT LEVIS TO CAPE CHATTE.

From Point Levis to River Ouelle—F. C. CARON, Fishery Overseer.

The yield of fish in this division, is given as follows:—

			\$	cts.
Salmon	lbs.	8,590	1,288	50
Trout	lbs.	7,000	560	00
Shad.....	No.	20,457	1,841	13
Eels.....	No.	117,723	11,772	30
Herring.....	brls.	2	10	00
Sturgeon.....	brls.	1,026	5,130	00
Bar and whitefish.	doz.	3,722	4,652	50
Porpoise skins.....	No.	54	216	00
do oil.....	gals.	3,240	1,620	00
Mixed fish.....	brls.	260	780	00
Fish for manure....	brls.	473	118	25

Total value.....\$27,988 68

Overseer Caron reports an unusual absence of quarrels among fishermen in his district, which were so prevalent in former years. Not a single instance of dispute is reported to him during the fishing season. The value of the fishery products is about the same as in 1883. The slight falling off in the catch of salmon, shad and eels is made up by the increased yield in sturgeon, porpoise and coarse fish. Trout is reported plentiful in the inland waters of this division.

FROM RIVER OUELLE TO ISLE VERTE.

JULES GAUVREAU, Fishery Overseer.

The yield of fish in this division is given as follows:—

			\$	cts.
Salmon	lbs.	16,580	2,487	00
Trout	lbs.	4,000	320	00
Herring.....	brls.	7,780	38,900	00
Sturgeon.....	brls.	420	2,100	00
Shad.....	No.	40,375	3,633	75
Eels.....	No.	40,770	4,077	00
Sardines.....	brls.	6,666	19,998	00
Porpoise skins.....	No.	17	68	00
do oil.....	gals.	1,020	510	00
Mixed fish	brls.	1,726	5,178	00
Fish for manure....	brls.	4,073	1,018	25

Total value.....\$78,290 00

Overseer Gauvreau reports a falling off in nearly all kinds of fish. This, he attributes to the unfavorable weather which prevailed during the height of the fishing season. No violation of the fishery laws came under this officer's notice.

FROM ISLE VERTE TO RIMOUSKI.

H. MARTIN, *Fishery Overseer.*

The following table shows the yield of fish in this division:—

Salmon.....	lbs.	14,280
Trout.....	lbs.	13,000
Shad.....	No.	3,556
Eels.....	No.	2,875
Herring.....	brls.	4,992
Sturgeon.....	brls.	3
Sardines.....	brls.	690
Mixed fish.....	brls.	71
Fish as manure.....	brls.	3,340
Total value.....		\$31,382 54

Overseer Martin reports that violent storms destroyed a large number of weirs and to this cause he attributes the decrease in the yield, as compared with 1883. Salmon and sardines are the only kinds of fish which show a slight increase. Trout were abundant in the inland waters of this division. The fishery laws and regulations appear to have been well observed.

FROM RIMOUSKI TO RIVER BLANCHE.

L. E. GRONDIN, *Fishery Overseer.*

The yield of this district is stated to have been as follows:—

Salmon.....	lbs.	7,640
Shad.....	No.	1,800
Herring.....	brls.	12,281
Sardines.....	brls.	1,215
Total value.....		\$66,358 00

Overseer Grondin reports a falling off in the catch of salmon and shad. Other kinds of fish yielded as much as in 1884, in spite of the bad weather experienced throughout the fishing season.

FROM RIVER BLANCHE TO CAPE CHATTE.

J. BTE. SAUCIER, *Overseer.*

Statement of the yield and value of the fisheries of this division:—

Salmon.....	lbs.	3,770
Herring.....	brls.	750
Sardines.....	brls.	65
Coarse Fish.....	brls.	6
Fish for Manure.....	brls.	209
Total value.....		\$4,578.50

Overseer Saucier reports salmon plentiful in Matane River. Angling was good about one hundred fish being caught with the fly. The largest fish weighed 21½ lbs. Several nets, a canoe and three spears were confiscated by the water policemen which were sent there by the Department to assist the overseer in protecting the river. Two parties detected spearing under Price's mill were fined \$7 and costs.

QUEBEC AND MONTMORENCY DIVISIONS.

L. P. HUOT, *Overseer.*

The following is a comparative statement of the Fisheries in this Division :—

Kinds o Fish.	1881.	1882.	1883.	1884.
Salmon..... Lbs.	1,950	2,900	2,640	3,750
had..... No.	4,050	4,500	2,575	3,425
Eels..... No.	25,767	23,561	21,595	34,836
turgeon..... Brls.	31	29	207	162
ar and Whitefish..... Doz.	1,293	1,747	1,904	1,161
mall fish..... Brls.	52	24	131	131
ickerel..... Lbs.				15,880
Value.....	\$5,108 00	\$5,572 85	\$6,454 25	\$7,830 40

Overseer Huot states that the yield of fish in his division was fully equal to that of previous years, with the exception of bar and whitefish which show a slight falling off. Five eel-weirs built with wire netting were set at St. Joachim and proved much superior to the old system. Most of the fish caught in this division are sent to local markets. No breach of the law was reported.

MURRAY BAY DIVISION.

ULYSSE BHÉREUR, *Overseer.*

ANT. FILION, }
 JOS. SIMARD, } *Wardens (Inland Lakes.)*
 HENRI COTÉ, }
 ED. MARTIN, }

COMPARATIVE Statement of the Yield of the Fisheries in this Division.

Kinds of Fish,	1881.	1882.	1883.	1884.
Trout..... Lbs.	57,200	60,100	60,000	35,700
Eels..... No.	22,757	19,794	9,344	39,100
Salmon..... Lbs.	550	2,910	4,380	2,280
Gardines..... Brls.	178	123	159	144
Herring..... Brls.	1	4	6	53
Sturgeon..... Brls.		10	100	26
Small and mixed fish..... Brls.	42	72	84	40
Bar and Whitefish..... Doz.		250	300	400
Fish for manure..... Brls.	876	953	2,429	885
Porpoise skins..... No.				12
do oil..... Galls.				720
Value.....	\$6,632 20	\$9,865 65	\$9,777 65	\$8,180 25

Overseer Bhéreur reports that the value of the fishery products in his division was about the same as that of 1883. Eels show a large increase, while trout and salmon have greatly fallen off. Twelve porpoises were caught at Isles aux Coudres and Les Eboulements.

SAGUENAY DIVISION.

JOSEPH RADFORD, *Overseer.*JOSEPH BOILY, }
JACQUES GIRARD, } *Wardens.*

COMPARATIVE Statement of the Yield of Fisheries in this Division.

Kinds of Fish.		1881.	1882.	1883.	1884.
Salmon.....	Lbs.	5,840	9,690	12,510	10,810
Eels.....	No.	600	470	400	1,500
Trout.....	Lbs.	250,000	247,100	250,800	230,400
Herring.....	Brls.	65	146	658	309
Sardines.....	"	12	62	108	80
Sturgeon.....	"		1		1
Small fish.....	"	328	432	10	457
Fish for manure.....	"			661	
Value.....		\$16,953 00	\$18,111 50	\$20,789 75	\$18,299 50

Overseer Radford reports the number of fishing stations still further decreasing, owing to more remunerative employment being found elsewhere. Although salmon net fishing shows a falling off, angling was considered pretty fair. The special fishery guardians report the rivers as generally well stocked with parent salmon. An investigation of illegal trout fishing was held at Portneuf. It was evident that the mill hands were the guilty parties, but the offence could not be made sufficiently clear to warrant a conviction.

LAKE ST. JOHN DIVISION.

JOB BILODEAU, }
CHAS. POTVIN, } *Wardens.*
R. MALTAIS, }

COMPARATIVE Statement of the Yield of Fish in this Division.

Kinds of Fish.		1881.	1882.	1883.	1884.
Trout.....	Lbs.			5,800	4,200
Winnonish.....	No.	36,600	42,160	21,500	25,600
Whitefish.....	Doz.	835	1,562	8,700	9,725
Mixed fish.....	Brls.	263	403	195	115
Pickarel.....	Lbs.			32,800	29,000
Pike.....	"			114,000	106,600
Value.....		\$10,719 75	\$13,298 50	\$23,516 00	\$27,174,25

Fishery Wardens Bilodeau, Potvin and Maltais report fishing as having been better than last year. Winnonish and whitefish both show a good increase. Trout is reported plentiful in Ouiatchouan and neighboring lakes.

FROM QUEBEC TO THE UPPER OTTAWA.

RICHELIEU DIVISION.

PIERRE LATRAVERSE, } Overseers.
J. F. PICOTIN, }

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.	1881.	1882.	1883.	1884.
ad..... No.	6,000	6,600	7,000	7,000
ls..... "	14,600	15,800	26,800	13,900
urgeon..... Lbs.	20,000	22,000	16,800	15,000
out..... "	240	100	100	100
skinonge..... "	1,500	2,100	4,300	4,560
ss..... "	1,800	2,200	3,600	2,500
kerel..... "	2,600	2,600	32,500	26,500
ce..... "	15,600	16,600	3,500	3,500
hitefish..... "	1,200	2,362	2,362	2,080
red fish..... "	50,000	62,040	134,000	120,000
Value.....	\$5,249 20	\$5,962 80	\$10,315 00	\$8,246 20

VERCHERES DIVISION.

MATHIAS HURTEAU, Overseer.

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.	1883.	1884.
ad..... No.	6,060	7,220
ls..... "	58,650	15,580
hitefish..... Lbs.	12,000	2,814
urgeon..... "	4,758	3,290
skinonge..... "	6,000	1,775
ss..... "	1,343	469
kerel..... "	3,183	1,500
ke..... "	3,815	1,393
red fish..... "	159,250	5,4800
Value.....	\$12,033 47	\$4,134 79

CHAMBLY AND IBERVILLE DIVISIONS.

H. W. AUSTIN,
J. B. CHEVALIER, } *Overseers.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.		1881.	1882.	1883.	1884.
Shad	No.				6,500
Eels	"	42,550	26,300	27,500	50,755
Sturgeon	Lbs.	800	2,300	1,400	705
Bass	"	5,400	3,350	7,010	6,255
Pickrel	"	5,100	4,760	5,160	5,915
Pike	"	16,800	19,050	10,600	136,600
Mixed fish	"	77,800	83,000	93,600	475,000
Maskinonge	"			40	460
Value		\$7,321 00	\$6,006 30	\$6,208 80	\$20,165 11

CHATEAUGUAY AND BEAUHARNOIS DIVISION.

JOACHIM LABERGE,
JOHN KELLY, } *Overseers.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.		1881.	1882.	1883.	1884.
Eels	No.	3,330	35,400	38,400	30,400
Sturgeon	Lbs.	88,000	10,400	48,100	22,700
Maskinonge	"	112,000	130,000	92,600	23,000
Bass	"	106,000	115,000	124,500	154,700
Pickrel	"	65,000	80,000	82,500	95,500
Pike	"	85,000	150,000	168,500	136,600
Mixed fish	"	120,000	240,000	298,600	475,000
Value		\$28,362 00	\$42,360 00	\$44,610 80	\$42,361 00

MISSISSQUOI BAY DIVISION.

P. E. LUKE, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.		1881.	1882.	1883.	1884.
Shad	No.	3,750	6,295	5,330	6,500
Pickrel	Lbs.	38,200	29,800	24,600	30,960
Mixed fish	"	21,400	13,800	34,200	38,200
Value		\$3,057 50	\$3,289 50	\$3,185 00	\$3,890 80

MAGOG DIVISION.

N. A. BEACH,
T. MARCHESAULT, } *Overseers.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.		1882.	1883.	1884.
ut.....	Lbs.	10,000	12,000	18,000
d.....	No.	6,000	.....	.....
s.....	Lbs.	100	150	4,600
kerel.....	"	2,000	1,000	1,200
ed fish.....	"	12,000	14,000	12,000
e.....	"	.....	.....	40,000
Value.....		\$1,800 00	\$1,332 00	\$4,144 00

SHERBROOKE, COMPTON AND MEGANTIC DIVISIONS.

W. C. WILLIS,
J. B. McDONALD, } *Overseers.*
P. C. BOURKE,

Overseer Willis, of Sherbrooke, reports that large numbers of pike were caught in Massawipi Lake during the early spring. Whitefish, some weighing as high as 10 lbs., were caught in Magog, Brompton and Massawipi Lakes. The run of salmon in the St. Francis River was fair. There were fewer anglers than formerly to enjoy the sport on Magog River. Two fishways were built during the summer, and another to be put up next season.

Overseer J. B. McDonald, of Echo Vale, reports angling for lunge and bass as good in Lake Megantic. These fish are steadily increasing since nets were prohibited. Great many sportsmen went away satisfied with their visit. Several night lines were confiscated and one party was convicted for fishing illegally; another escaped before the overseer could get him arrested. There are still a few poachers; but, generally speaking a marked improvement is noticed in the observance of the fishery laws and regulations.

Overseer P. C. Bourke, of Somerset, reports fish as decreasing in the waters of Megantic county. This, he attributes to the fact that the eggs are destroyed on the breeding grounds by small worthless fish, also to the want of efficient fishways on several streams in his district.

THREE RIVERS DIVISION.

JOSEPH DESAULNIERS, } Overseers.
JOSEPH LAMBERT, }

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.		1881.	1882.	1883.	1884.
Shad.....	No.	16,000	40,000	25,000	23,000
Eels.....	"	24,000	72,000	20,000	31,400
Tom Cod.....	Brls.	6,890	3,500	4,000	2,080
Trout.....	Lbs.	3,500	9,185	27,300	51,200
Sturgeon.....	"	.....	20,000	150,000	142,000
Maskinonge.....	"	1,200	3,720	13,300	12,050
Whitefish.....	"	3,000	11,000	6,000	6,000
Bass.....	"	5,000	3,000	4,000	4,000
Pickrel.....	"	26,000	2,000	15,000	19,350
Pike.....	"	18,000	26,000	63,000	55,300
Mixed fish.....	"	84,000	902,000	1,054,000	980,000
Value.....		\$19,207 00	\$39,102 40	\$47,478 00	\$45,433 00

BERTHIER, JOLIETTE AND MONTCALM DIVISIONS.

S. A. GRANT, } Overseers.
J. L. MARTEL, }
WILLIAM RITCHIE, }

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.		1883.	1884.
Eels.....	No.	1,400	1,820
Trout.....	Lbs.	37,000	26,500
Whitefish.....	"	600	.....
Maskinonge.....	"	1,160	1,170
Bass.....	"	800	810
Pickrel.....	"	5,583	4,800
Pike.....	"	6,315	4,600
Mixed fish.....	"	628,750	631,250
Value.....		\$16,642 19	\$15,699 40

MONTREAL DIVISION.

JOHN MORRIS, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.		1881.	1882.	1883.	1884.
had	No.	.....	3,000	3,000	5,000
els	"	13,600	16,600	17,000	17,000
urgeon	Lbs.	.....	10,000	15,000	15,500
askinonge.....	"	3,500	21,000	23,000	25,000
ass	"	14,000	14,000	14,000	15,000
ickerel.....	"	21,200	21,200	24,000	25,000
ike	"	18,600	18,600	19,000	20,000
ixed fish.....	"	85,200	85,200	86,000	90,000
hitefish.....	"	.....	.....	.....	500
Value		\$6,316 00	\$9,590 00	\$10,300 00	\$11,015 00

TERREBONNE DIVISION.

JOSEPH LAUZON, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.		1881.	1882.	1883.	1884.
had	No.	.....	.....	740	1,100
els	"	2,088	2,175	1,570	1,105
out	Lbs.	9,500	10,000	.....	.....
ass	"	7,000	5,450	5,980	4,560
ickerel.....	"	8,200	5,180	3,840	2,265
ike	"	12,400	3,940	4,490	4,360
ixed fish.....	"	25,000	10,400	7,500	8,700
urgeon.....	"	.....	.....	.....	18,600
Value.....		\$3,000 80	\$2,272 91	\$1,391 10	\$2,128 50

LAKE OF TWO MOUNTAINS DIVISION.

THEOPHILE SABOURIN, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds Of Fish.		1881.	1882.	1883.	1884.
Eels	No.	8,000	2,000	3,000	3,500
Shad .....	"	.....	1,000	1,200	1,400
Maskinonge.....	Lbs.	1,560	1,800	3,000	20,000
Sturgeon.....	"	.....	2,000	.....	35,000
Bass	"	2,600	3,400	2,800	3,200
Pickrel.....	"	7,600	7,800	8,500	10,000
Pike.....	"	5,200	2,200	3,500	4,000
Mixed fish.....	"	29,000	15,000	25,000	30,000
Value		\$2,345 60	\$1,850 60	\$2,239 00	\$5,696 00

LOWER OTTAWA DIVISION.

ROBERT W. JONES, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.		1881.	1882.	1883.	1884.
Shad	No.	200	275	1,100	1,200
Eels.....	"	2,000	1,900	2,500	5,000
Sturgeon.....	Lbs.	8,000	7,800	15,000	18,000
Trout.....	"	400	900	1,000	1,000
Maskinonge.....	"	1,500	1,400	4,200	5,000
Whitefish	"	4,800	1,050	850	2,100
Bass.....	"	1,800	1,400	1,600	1,700
Pickrel.....	"	6,000	5,500	5,600	6,500
Pike.....	"	7,000	7,500	8,000	10,000
Mixed fish.....	"	30,000	28,000	35,000	50,000
Value		\$2,551 00	\$2,362 50	\$3,270 00	\$4,328 00

ARGENTEUIL DIVISION.

ALEXANDER BEATON, *Overseer.*

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.		1883.	1884.
Trout	Lbs.	4,000	5,000
Eels	No.	4,500	5,400
Whitefish.....	Lbs.	3,500	3,000
Mixed fish.....	"	10,000	15,000
Value		\$1,250 00	\$1,480 00

UPPER OTTAWA AND GATINEAU LAKES DIVISION.

JOSEPH MARION }
 JAMES MOHR, } *Overseers.*
 J. T. COGHLAN, }

COMPARATIVE Statement of the Yield and Value of Fish in this Division.

Kinds of Fish.	1881.	1882.	1883.	1884.
out.....Lbs.	154,000	116,500	115,200	120,000
ls.....No.	4,000	6,000	7,100	7,000
hitefish.....Lbs.	23,700	22,950	20,200	22,000
urgeon....."	5,000	6,500	6,650	5,800
skinonge....."	1,800	1,750	1,550	1,800
ss....."	12,950	13,050	12,000	13,000
ckerel....."	8,800	8,550	10,000	9,400
ke....."	51,400	50,500	50,100	52,000
xed fish....."	25,000	27,500	30,000	32,100
Value.....	\$19,349 00	\$17,024 00	\$16,383 50	\$17,528 00

STATISTICS OF FISHERIES IN THE PROVINCE OF QUEBEC

RETURN OF FISHING STATIONS, Number and Value of Nets, together with the
St. Lawrence, from Point Lévis to

NAMES OF PLACES.	KINDS OF NETS USED.									
	Salmon Nets.			Brush Fisheries with Nets.		Brush Fisheries.		Eel Fisheries.		Salmon, lbs.
	No.	Yards.	Value.	No.	Value.	No.	Value.	No.	Value.	
			\$		\$		\$		\$	
Pointe Lévis	5	625	150	5	1,900					2,52
Beaumont	4	445	100	4	1,440					3,48
St. Michel	3	470	80	3	1,420					64
St. Valier	4	1,000	125	3	3,000					1,00
Berthier	2	380	50	2	1,150			14	770	42
St. Thomas	1	150	25	1	450	7	700	11	590	53
Cap St. Ignace						8	580			
Anse à Gilles								4	210	
Isle aux Grues								12	1,500	
L'Islet								18	670	
St. Jean Port Joli								42	1,595	
St. Roch								30	1,105	
Ste. Anne						19	1,045			
Inland waters, Co. L'Islet										
Rivière Ouelle				1	150			48	1,355	1,00
St. Denis				3	200	1	75	16	375	1,50
Kamouraska						6	580	8	480	2,00
St. André						6	650	22	560	
Notre Dame du Portage								15	190	
Rivière du Loup	7	2,700	650			5	390	3	75	2,13
Cacouna						14	1,480	4	100	7,25
Isle Verte						16	1,315	1	30	2,14
do (Mainland)						9	720			56
Inland waters, Co. Témiscouata										
Lake Témiscouata & Touladi River				20	100	2	24			
Cap à la Loupe						8	340			78
St. Simon				6	131	1	40			4,85
Pointe à la Cive	1	120	30	2	43	6	175			2,74
Anse au Foin										
Anse au Bouleau	1	200	200	1	40	3	170			3,96
Rivière Hâtée				1	30	10	475			1,58
Rivière Rimouski								3	30	25
Rivières Bic and St. Fabien								7	78	10
Isle St. Barnabé						2	40			45
Rimouski	1	75	20			6	90			2,54
Ste. Lucie	1	75	20			14	250			4,40
Métis						8	160			15
Boules						3	45			6
Rivière Blanche						3	45			4
Matane						11	165			90
Ste. Félicité						6	95			
Cherbourg										
Mechins	5	350	135							2,87
Capucins						3	45			
Totals	35	6,590	1,585	52	10,054	177	9,694	258	9,713	50,86

EXCLUSIVE OF THE GULF OF ST. LAWRENCE.

Field, Value and Kinds of Fish, &c., on the South Shore of the River
 Cape Chatte, during the Year 1884.

KINDS OF FISH.											VALUE.	
Trout, lbs.	Shad, No.	Herring, barrels.	Eels, No.	Sturgeon, barrels.	Sardines, barrels.	Bar and White Fish, doz.	Coarse and Small Fish, barrels.	Fish for Manure, barrels.	Porpoise Skins.	Porpoise Oil, gallons.	\$	cts.
	4,155		4,960	8		286					1,645	45
	6,445		3,600	15		201					1,788	30
	4,060		5,700	10		284					1,436	40
	4,000		9,200	36		940					2,785	00
	1,150		11,000	7		296		36			1,680	50
	447		5,755	424		1,385	75	25			4,777	73
			850	300		230	60				2,052	50
			4,550					29			462	25
			27,665								2,766	50
			9,740				25	84			1,070	00
			12,296					107			1,256	35
			10,020				25	70			1,094	50
	200	2	12,387	226		100	75	122	54	3,240	4,613	20
7,000											560	00
	4,000	20	23,400	4	10		20	20	17	1,020	3,643	00
	4,100	15	5,210	11	125		25	50			1,707	50
	1,350	145	2,830	57	1,090		65	1,500			5,544	50
	1,975	235	3,775	28	981		320	1,050			6,035	75
			1,950								195	00
	5,325	1,695	850	11	310		51	185			10,543	00
	16,700	1,870	900	105	1,110		300	935			17,019	25
	4,925	3,800	750	123	2,435		770	183			30,115	00
	2,000		1,105	81	605		175	150			3,157	00
4,000											320	00
3,000		400									2,240	00
	1,835	822		3	352		30	480			5,673	15
	322	55			12			60			1,082	48
	407	450			97			225			3,044	88
	285	310			42		15	185			2,389	90
	707	2,855			187		26	2,390			15,812	13
10,000			750								912	50
			2,125								227	50
	1,800	1,000			100						5,529	50
		3,000			200						15,981	00
		4,200			440						22,980	00
		3,631			445						19,512	50
		50			20						319	00
		400			10						2,036	00
		200			50						1,285	00
		120			15						645	00
		10									50	00
		20									530	50
		400					6	200			2,068	00
24,000	66,188	25,705	161,368	1,449	8,636	3,722	2,063	8,086	71	4,260	208,597	72

RETURN of Fishing Stations, Number and Value of Nets, together with the Yield,
St. Lawrence, from Quebec to

NAMES OF PLACES.	KINDS OF NETS USED.								
	Salmon Nets.			Brush Fisheries with Nets.		Brush Fisheries.		Eel Fisheries.	
	No.	Yards.	Value.	No.	Value.	No.	Value.	No.	Value.
<i>Island of Orleans.</i>									
St. Laurent.....	2	400	220						
St. Jean.....	4	880	480					10	10
St. François (south side of the Island).....				1	100			7	8
Argentenay.....						8	140		
St. François (north side of the Island).....						9	180		
Ste. Famille.....									
<i>North Coast.</i>									
Chateau Richer.....						4	107		
Ste. Anne.....						4	80	2	2
St. Joachim.....				5	1800			22	48
Baie St. Paul and neighbouring lakes.....								58	170
Isle aux Coudres.....						26	246	52	58
Les Eboulements.....						21	256	51	47
St. Irénée.....						12	148	5	6
Malbaie.....	1	90	15			17	230	22	12
St. Fidèle.....	2	318	46			6	81		
St. Simeon.....	1	188	35			3	32		
Rivière aux Canards.....	1	180	40			2	26		
<i>Saguenay Division.</i>									
Port aux Quilles.....	1	120	60			1	20		
Baie des Rochers.....						1	10		
Petites Isles.....	1	120	60			1	6		
Poste St. Martin.....						4	24		
Anse au Sable.....						1	6		
Grande Baie.....						2	12		
Rivière aux Canards.....						1	15		
Pointe au Bouleau.....						2	55		
Anse Ste. Catherine.....						2	60		
Tadoussac.....									
Pointe Rouge.....	1	200	100			1	30		
Moulin Baude.....	1	160	60						
Anse Puante.....	1	160	60						
Pointe à la Cariole.....	1	200	100						
Anse aux Pilotes.....	1	200	100						
Grandes Bergeronnes.....	1	200	100			1	30		
Bon Désir.....						1	10		
Escoumains.....									
Islets Boisés.....	1	120	30			1	30		
Anse a Pelletier.....						2	12		
Islets Penchés.....	2	220	80			1	25		
Petite Escoumains.....						1	25		
Petite Romaine.....						1	20		
Baie des Bacons.....						2	60		
Sault au Mouton.....						2	55		
Mille Vaches.....						4	140		
Point Boisvert.....	1	140	40						

Value and Kinds of Fish, &c., within the Districts on the North Side of the River Bersimis, during the Year 1884.

KINDS OF FISH.														VALUE.	
Salmon, lbs.	Trout, lbs.	No. of Shad.	Herring, barrels.	No. of Eels.	Sturgeon, barrels.	Sardines, barrels.	Bar and White Fish, doz.	Pickarel, lbs.	Pike, lbs.	Coarse and Small Fish, barrels.	Fish for Manure, barrels.	No. of Winnonish.	Porpoises.	Porpoise Oil, galls.	\$ cts.
1300		1700		50	2		118								510 50
2450		1725		4250	6		358								1,425 25
				2250											225 00
				2750											275 00
				1455	22		248	3780		32					856 30
				1850	48		186	3000		65					967 50
				130	26		46	2020		25					371 70
				1500	49		82	1680		9					616 30
				20601	9		123	5400							2,582 85
120	30300			31200	13	20	400			40	40				5,671 00
				4288	13	13					221		8	480	860 05
				1887		17					89		4	240	397 95
				43		19					102				86 80
530	1000		3	1632		51					283				546 45
560	400					18					127				193 75
650						3					17				110 75
420	4000					3					6				313 50
200						4				50					142 00
			10			2				25					106 00
420										1					65 00
				400						27					94 00
				200						10					40 00
				100						15					40 00
				200											20 00
290	100		4			6				100					287 50
90			5							50					174 50
			2			12				150					310 00
1950			2												302 50
800															120 00
230															34 50
1400															210 00
1520															228 00
40			10			5				15					101 00
			1			10				10					55 00
			6			2									36 00
															45 00
300				600	1										65 00
															315 00
1500			15			5									68 00
			10			6									8 00
			1			1									130 00
	200		20			6									66 00
			12			2									1,101 00
			210			17									114 00
760															

RETURN of Fishing Stations, Number and Value of Nets, together with the Yield,
St. Lawrence,

NAMES OF PLACES.	KINDS OF NETS USED.								
	Salmon Nets.			Brush Fisheries with Nets.	Brush Fisheries.		Eel Fisheries.		
	No.	Yards.	Value.	No.	Value.	No.	Value.	No.	Value.
<i>Saguenay Division—Concluded.</i>									
Portneuf.....	1	120	30						
Sault au Cochon.....	1	52	20						
Bersimis.....						1	15		
From Rivière aux Canards to Bersimis (Inland Waters).....									
<i>Lake St. John Division.</i>									
St. Joseph d'Alma.....				Winonish Nets.					
Signal.....	55	3300	275						
Metabetchouan, East.....	35	2100	175						
do West.....	40	2400	200						
Charlevoix.....	50	3000	250						
Roberval.....	50	3000	250						
Ouiatchouan.....	40	2400	200						
Labarre and neighbouring lakes.....									
<i>Inland Waters, County of Charlevoix.</i>									
Grand Lake Nairne.....									
Little do.....									
Lake Pieds des Monts.....									
do Long.....									
do Pointe Jérémie and others.....									
Totals.....	295	20268	3026	6	1900	145	2186	229	3653

Value and Kinds of Fish, &c., within the Districts on the North Side of the River
 &c.—*Concluded.*

KINDS OF FISH.													VALUE.
Salmon, lbs.	Trout, lbs.	No. of Shad.	Herring, barrels.	No. of Eels.	Sturgeon, barrels.	Sardines, barrels.	Bar and White Fish, doz.	Pickerei, lbs.	Pike, lbs.	Coarse and Small Fish, barrels.	Fish for Manure, barrels.	No. of Winnonish.	
													\$ cts.
800						1							131 00
90													13 50
	100		1			1							14 00
420	230000												13,863 00
							2000	2500	3400			4300	3,929 00
							40	2500	600	25		2500	911 00
							25	2000	500	25		1800	681 25
							30	1500	300	20		2000	685 50
							80	3500	1000	15		3000	1,150 00
							7500	1000	100000			9500	18,650 00
							50	2000	800	30		2500	915 50
	4200												252 00
	4000												240 00
	5000												300 00
	2000												120 00
	3000												180 00
	6000												360 00
16840	290300	3425	312	75436	189	224	11286	44880	106600	743	885	25600	12 720 62,684 40

RETURN of Fishing Stations, Number and Value of Nets, together with the Yield, Value and Kinds of Fish, &c., within the District extending from Quebec to the Upper Ottawa, during the Year 1884.

NAMES OF PLACES.	KINDS OF FISH USED.						KINDS OF FISH.										VALUE. \$ cts.
	Gill Nets.			Seines.		Eel Fisheries.	Trout, lbs.	No. of Shad.	No. of Bels.	Sturgeon, lbs.	White Fish, lbs.	Maskinonge, lbs.	Bass, lbs.	Pickereel, lbs.	Pike, lbs.	Coarse and Small Fish, lbs.	
	No.	Yards.	Value.	No.	Value.												
Richelieu Division.....	110	1100	55	105	2100	322	3220	7000	13700	15000	2080	4560	2500	26500	3500	120000	8,246 20
Verchères do	100	1473	430	93	300	650	872	7220	15580	3290	2814	1775	469	1500	1393	54800	4,134 79
Chambly and Iberville Division...	538	.....	6500	23	600	3	62000	6500	50755	705	.....	460	6255	5915	13800	635200	20,165 15
Chateauguay and Beauharnois Division.....	300	.....	900	28	500	14	130	.....	30100	22700	.....	23000	154700	95500	136600	475000	42,361 00
Missisquoi Bay Division.....	21	2085	810	.....	.....	.....	.....	6500	.....	.....	.....	.....	.....	30960	.....	38200	3,890 80
Magog and Brome Division.....	.....	.....	.....	.....	.....	.....	18000	.....	.....	.....	.....	.....	4600	1200	40000	12000	4,144 00
Sherbrooke and Mégantic Division.....	.....	.....	.....	.....	.....	.....	6000	.....	.....	.....	.....	600	8500	20000	1000	34800	3,554 00
Champlain and St. Maurice do *	.....	.....	.....	34	170	106	408	23000	31400	142000	6000	12050	4000	19350	55300	990000	45,433 00
Berthier, Joliette and Montcalm Division.....	45	300	100	.....	.....	.....	26500	.....	1820	.....	.....	1170	810	4800	4600	631250	15,699 40
Montreal Division.....	20	200	50	39	780	.....	5000	.....	17000	15500	500	25000	15000	25000	20000	90000	11,015 00
Terrebonne do .....	.....	.....	.....	.....	.....	11	5	.....	1100	1105	18600	.....	4560	2765	4360	8700	2,128 50
Lake of Two Mountains Division.	20	550	70	.....	.....	.....	.....	.....	1400	3500	35000	20000	3200	10000	4000	30000	5,696 00
Lower Ottawa Division.....	50	1000	850	.....	.....	.....	1050	1200	5000	18000	2100	5000	1700	6500	10000	50000	4,328 00
Argenteuil do .....	.....	.....	.....	.....	.....	.....	5000	.....	5400	.....	3000	.....	.....	.....	.....	15000	1,480 00
Upper Ottawa do	320	6500	2500	.....	.....	.....	120000	.....	7000	5800	.....	1800	.....	9400	.....	32100	2,528 00
Gatineau Lakes do .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	22000	.....	13000	.....	52000	.....	15,000 00
Tot la	1524	13208	12265	322	4450	1106	66685	58920	182660	276595	38494	95415	219294	269390	346563	3207050	189,803 84

*2080 brls. of Tom Cods should be included in this district.

RECAPITULATION of the Quantity and Value of the different Fisheries, from Point Lévis to Cape Chatte, in 1883 and 1884.

Kinds of Fish.	Prices.	1883.		1884.	
		Quantities.	Value.	Quantities.	Value.
	\$ cts.		\$ cts.		\$ cts.
had No.	0 09	140,500	12,645 00	66,188	5,956 92
els do	0 10	241,100	24,110 00	161,368	16,136 80
erring Brls.	5 00	30,372	151,860 00	25,705	128,525 00
sturgeon do	5 00	1,559	7,795 00	1,449	7,245 00
sardines do	3 00	15,013	45,039 00	8,638	25,908 00
salmon Lbs.	0 15	55,370	8,305 50	50,860	7,629 00
trout do	0 08	7,200	576 00	24,000	1,920 00
Whitefish Doz	1 25	3,146	3,932 50	3,722	4,652 50
porpoise Skins No.	4 00	37	148 00	71	284 00
do Oil Galls.	0 50	2,806	1,403 00	4,260	2,130 00
coarse fish Brls.		2,968	5,936 00	2,063	6,189 00
fish for manure do	0 25	12,206	3,051 50	8,086	2,021 50
veal Skins No.	1 00	13	13 00		
do Oil Galls.	0 60	311	186 00		
Total Value of the Fisheries			265,001 10		208,597 72
Decrease					56,409 38

RECAPITULATION of the Quantity and Value of the different Fisheries, from Quebec to Bersimis, in 1883 and 1884.

Kinds of Fish.	Prices.	1883.		1884.	
		Quantities.	Value.	Quantities.	Value.
	\$ cts.		\$ cts.		\$ cts.
Shad No.	0 09	2,575	231 75	3,425	308 25
Eels do	0 10	31,339	3,133 90	75,436	7,543 60
Herring Brls.	5 00	664	3,320 00	312	1,560 00
Sturgeon do	5 00	307	1,535 00	189	945 00
Sardines do	3 00	267	801 00	224	672 00
Salmon Lbs.	0 15	19,530	2,929 50	16,840	2,526 00
Trout do	0 06	316,600	18,996 00	290,300	17,418 00
Pickarel do	0 06	32,800	1,968 00	44,880	2,692 80
Pike do		114,000	4,560 00	106,600	6,396 00
Bar and Whitefish Doz.	1 25	10,904	13,630 00	11,286	14,107 50
Winnonish No.	0 25	21,500	5,375 00	25,600	6,400 00
Mixed fish Brls.	2 00	300	600 00	743	1,486 00
Fish for manure do	0 25	3,230	807 50	885	221 25
Porpoise Skins No.	4 00			12	48 00
do Oil Galls.	0 50			720	360 00
Total Value of the Fisheries			57,887 65		62,684 40
Increase					4,796 75

RECAPITULATION of the Quantity and Value of the different Fisheries, from Quebec to Upper Ottawa, in 1883 and 1884.

Kinds of Fish.		Prices.	1883.		1884.	
			Quantities.	Value.	Quantities.	Value.
		\$ cts.		\$ cts.		\$ cts.
Shad	No.	0 10	49,430	4,943 00	58,920	5,892 00
Eels	do	0 10	208,420	20,842 00	182,660	18,266 00
Sturgeon	Lbs.	0 05	257,708	12,885 40	276,595	13,829 75
Trout	do	0 08	202,100	16,168 00	227,750	18,220 00
Whitefish	do	0 08	45,512	3,640 96	38,494	3,079 52
Maskinonge	do	0 08	149,650	11,972 00	95,415	7,633 20
Bass	do	0 08	181,783	14,542 64	219,294	17,543 52
Pickarel	do	0 08	235,966	18,877 28	259,390	20,751 20
Pike	do	0 05	340,820	17,041 00	346,553	17,327 65
Mixed Fish	do	0 02	2,640,400	52,808 00	3,207,050	64,141 00
Tom Cod	Brls.	1 50	4,000	6,000 00	2,080	3,120 00
Total Value of the Fisheries				179,720 28		189,803 84
Increase						10,083 56

GENERAL RECAPITULATION.

YIELD and Value of the Fisheries in the whole Province of Quebec for 1884.

Kinds of Fish.	Quantity.	Value.
		\$ cts.
non, salted	Brls. 1,122½	13,470 00
o fresh, in ice	Lbs. 395,443	36,374 44
o canned	do 4,715	607 25
.....	Cwt. 168,165	672,660 00
dock	do 681	2,724 00
.....	do 155	620 00
but	Brls. 262	1,572 00
ing, pickled	do 66,287	291,165 00
o smoked	Boxes. 4,709	1,177 25
.....	No. 128,533	12,157 17
.....	do 419,464	41,946 40
pickled	Brls. 107	749 00
kerel	do 1,584	12,627 00
lines	do 8,895	26,720 00
geon	do 1,638	8,190 00
o	Lbs. 276,595	13,829 75
it	do 542,050	37,558 00
pickled	Brls. 146½	1,172 00
nonish	No. 25,600	6,400 00
and Whitefish	Doz. 15,008	18,760 00
tefish	Lbs. 38,494	3,079 52
kinonge	do 95,415	7,633 20
.....	do 219,294	17,543 52
erel	do 304,270	23,444 00
.....	do 453,153	23,723 65
Cod	Brls. 2,080	3,120 00
Tongues and Sounds	do 420	3,780 00
sters	Cans. 788,283	118,242 45
ed and small Fish	Brls. 18,841	71,816 00
Skins	No. 10,369	10,369 00
poise Skins	do 83	332 00
Oil	Galls. 50,070	25,035 00
ale Oil	do 4,640	2,320 00
Oil	do 83,391	41,695 50
poise Oil	do 5,286	2,643 00
and Manure	Brls. 73,541	66,812 75
al consumption (not included above)	do 18,123	72,492 00
		1,694,560 85

No. 6.

PRINCE EDWARD ISLAND.

ALBERTON, 31st December, 1884.

To the Honorable
The Minister of Marine and Fisheries.

SIR,—I have the honor to transmit the Inspector's Annual Report on the fisheries of this Province, together with tabulated statements of the yield and value of the different kinds of fish and fishery products for the year 1884.

SUMMARY.

The past year has been a poor one for the fisheries, the shortcoming in value, as compared with the preceding year, being no less than \$186,849.25 short of 1883. Excepting on lobsters, on which there is an unlooked-for excess, the deficit ranges over all the fisheries, the large shortcoming in mackerel being 11,304 barrels; of herring, 10,223 barrels; and on cod, 6,859 cwt. The falling off in catch may be attributed rather to protracted bad weather than to scarcity of fish.

Statistics of fishing force and plant, as given by the wardens' returns, show 4 fishing vessels, with an aggregate tonnage of 1,764 tons, manned by 282 men—being a considerable increase—and 1,163 boats, spreading 58,417 fathoms of nets, with 3,738 men, giving a crew of a little over three men to a boat. Last year were owned and used in the Province, thirteen seines; this year, thirty-eight. Cod gill-nets have been given up as unsuccessful.

Herring were not nearly so abundant as last year. Bait for the other sea fisheries was, therefore, somewhat scarce, and much had to be imported. Of the total quantity of 36,217 barrels of herring taken, only 7,691 barrels were put up for food and the remainder used as bait. In like manner, of the 1,483 barrels of gaspereau, only 414 were for food.

Haddock show a small falling off; cod, a large deficiency, the figures being, last year, 26,702 cwt., and this year, 19,843. The catch of hake reached about the average of past years—say, 9,231 cwt. Although this deficit is partly attributable to bad weather, it is also partly owing to the circumstance that this—the most reliable of all fisheries—was not pursued with the energy that men exhibit in fishing for mackerel. A large number of New Brunswick and some Nova Scotia boats were fishing chiefly off North Cape, and did better than ours, their boats being larger and better equipped.

The mackerel fishery is very largely under the average of past years—only 16,86 barrels taken in all. No great body of fish appeared in the Gulf until far on in the season, and when they did come the weather was continuously unfavorable, with heavy gales and excessive rainfall, and the fish would not bite. Excepting a few lucky crews it has been a poor year for the hook-and-line fishers. More seining was done by Island fishermen than heretofore and, as a rule, they did fairly. Several new vessels were afloat. The mackerel taken were of good size and quality. Canning of mackerel shows in the returns for only a few hundred cans as against nearly half a million cans last year. A large fleet of American vessels fished off the Island. A reliable correspondent at the Gut of Canso informs me that the exact number of American seiners that passed there on the way to the Bay was 18.

aving an average of two seine boats and two seines per schooner. Of these early sixty sail returned home about the middle of the season with poor catch. Those who remained did better; in fact, a good many filled up. Notwithstanding unfavorable weather four schooners were reported "high line" having taken respectively, 1,057, 1,600, 900 and 880 barrels. The total catch of the American Bay fleet given, on Gloucester, U.S., authority, at 26,800 barrels, that is to say, 10,000 barrels more than the whole Island catch.

Contrary to all expectations lobster fishing turned out largely in excess of last year. Packers admit it has been an extraordinary season. Speaking within compass and allowing for exaggeration in the returns, the catch has been, at the least 400,000 lbs better than last year; the figures make it 495,282, notwithstanding that ice was a month later in breaking up. The extension of fishing time to 30th August was not of general benefit, many factories, from injury by storms and for other causes, having taken up their traps before that date. Ninety-five factories were in operation. Lobsters were of fair quality, but the average size seems to require five lobsters to fill a 1-pound can.

From stormy weather and for some local reasons oyster fishing has not been quite so actively pursued. Catch, 28,320 barrels, being under that of last year. In the course of the summer I was requested from Germany, for the information of the Germanic Government's Scientific Commission for exploration of the German seas, to make a series of observations on the salinity and temperature of the water in which natural beds of oysters are found in this part of the lower Gulf of St. Lawrence. The information was sought with a view to experimenting on the culture of Canadian oysters (*ostrea Canadensis*) on the coast of Schleswig-Holstein, should the conditions of the water there be suitable. Eighty-two observations were made of water drawn from the principal Island oyster beds at various depths. As our beds are in comparatively shallow water, it was found that the temperature of water varied so little from the air temperature of the hour that no reliable data could be drawn as to the maximum or minimum consistent with oyster life. The readings ranged from 20.5 degrees of the thermometer of Celsius, in August, to 1.5 degrees in November. Observations on salinity were more definite and seem to establish a range within which oyster growth is assured and outside of which it is problematical. This range is between 14 degrees and 22 degrees of areometer (in one instance 23°). Should further observation confirm this, the knowledge is of the highest importance in laying down beds for artificial culture. Other items of interest were developed in course of the investigation. Late in the season a sample barrel of brood oysters were shipped to Hamburg *via* New York, with a view to test the chances of enduring an Atlantic winter voyage. Receipt has not yet been acknowledged, but should the oysters arrive in good condition it will be an interesting experiment in acclimatization. A full report on the subject was transmitted to the Commission through the Canadian Department of Marine and Fisheries. The instruments used in the investigation were sent from Berlin—L. Steger, Kiel, maker.

Our streams are in good angling condition and well stocked with trout. The product has been large.

The minor fisheries and fishing products call for no special remark.

HERRING.

The state of the herring fishery in this Province deserves observation. It has practically ceased to be a commercial fishery, and has become a mere fishery of bait for other fish. In 1883, which was an exceptionally good year, only about 5,000 barrels were put up as food, out of 45,000 landed, the remainder being used as bait for haddock, cod and lobsters. This year, of 36,217 barrels, only 7,691 were used as food.

A question arises whether herring are entitled to fishing bounty when used merely as bait for other fish, on which a second bounty is claimed. For instance, bounty was paid, in 1883, on 33,159 barrels of bait herring, equal to 6,631,800 pounds weight, equivalent to 2,655 men's catch, with nothing to show for it, excepting the

catch of mackerel and cod, on which bounty was further paid. This year's claims will be presented on over 5,000,000 pounds weight of herring used wholly as bait, and again on a like quantity of 5,000,000 pounds weight of cod, hake and mackerel caught by such bait. It may be here mentioned that the wardens' returns set down the number of boats employed in the sea fisheries (exclusive of lobster dories) at 1,163, and the number of men at 3,738, thus giving for each boat, large and small, a crew of very little more than three men regularly at sea.

This year the fish did not come in as usual, within a few days on all parts of the coast alike, but struck the east end of the Island in great abundance, while to the westward they were scarce. Along the whole coast, from North Cape to Campbellton and beyond, usually a good fishing ground, almost none were taken excepting an average at Miminigash and some good hauls off Nail Pond. On the other hand, along the north of King's County they were very numerous and of unusually good quality. While fishing masters on the west were thus straitened in their supply for bait, and had to import cargoes of herring from the Magdalen Islands, Anticosti and elsewhere fishermen on the east of King's County, especially at Cardigan Bay, were selling surplus herring as bait to the American seiners. At Newport, Lot 54, the fishermen look on this as a business to be pursued in future. From Grand River, King's, the warden reports herring sold to the Americans for bait to the extent of \$1,000. In Georgetown harbour the schools were unprecedented, large numbers having been taken around the railway and ferry wharves. The length of nets set this year was 58,417 fathoms.

It will be seen from the above figures that no considerable export is to be looked for until a direct market (in the West Indies, perhaps) shall excite our fishermen to supply the demand for food fish at a higher rate than can be got for bait. When that time comes, and even now, much might be done to increase the catch. With only the above-named fathoms of net—a comparatively small stretch, for our line of coast and bays—no greater results can be anticipated. In British waters drift nets are mainly used, and the shelving, sandy bottom of the Gulf is favourable to their use. This would necessitate the use of larger boats, owned on shares and that could put to sea, two improvements I have always advocated, and of which the fishermen themselves are now beginning to perceive the desirability.

The use of drift nets and seines by our own fishermen would partially remedy the grievance, in which is much cause of complaint, namely, the waste of herring by Americans. Home seines, being so near home, *would utilize all the fish they catch*. Americans come to the Gulf for mackerel only, and throw overboard all else, as they are only fitted with salt and barrels equal to their tonnage capacity of mackerel. The grievance is thus stated by a fisherman of Malpeque, under date of 4th August: "The mode of procedure of our American neighbours who follow the mackerel seining business on our coast is this: When the seiners see a shoal of fish they get into their seine boats and throw their seine around the shoal and *purse her up*. They then get their vessel alongside and begin bailing the fish on the deck of the vessel. When the fish in the shoal are mostly herring they may get 300 barrels at a dip. Probably 20 per cent. of those are mackerel the remainder are herring. They then pick the mackerel out and dump the herring overboard dead—say 240 barrels, and those herrings, when packed, are worth from \$3 to \$4 per barrel. One American captain told the writer, this day, that he was sure he threw 1,000 barrels overboard this season. It does not require much of an adept at figures to compute the loss to our fishery by 200 or 300 sail of vessels assuming the above as a basis. It is not alone of the fish they destroy we have to complain; but the dead herring they throw overboard feed the cod, lobster and other fish, and prevent them from taking the hook. Take it all in all, it is a bad business." Warden Aylward, in the official report of his district, makes the same complaint. He says, of date 5th December: "American seining is ruining the fishery on our shores. Our own fishermen are always complaining. The seine is thrown around a shoal of fish supposed to be mackerel. It is drawn out of the water and proves to be herring. Then those fish are all dead. They are dumped overboard

and some 300 or 400 barrels of fish go floating about in the sea dead. It is quite common these few summers past." The basis of these complaints is undeniable; remedy is less easy to provide.

It has been mentioned in previous reports that herring is here altogether a spring fishery, and although fall herring are known to be plenty, within easy reach, and several persons have expressed an intention of fishing them nothing has yet been done in that way. The warden at North Lake, King's, mentions as unusual that this year herring were taken on both sides of East Cape as late as the 10th and 11th of November.

As this report, when published, will probably be read by many of our fishermen a summary of the observations of the Fishery Commission, of which Professor Ewarts as chairman, seems of sufficient interest to fill the space it will occupy, namely: The herring is not an ocean migrant; he is a local inhabitant of our seas. Herring do not congregate in shoals, save when the spawning season comes on. They stick to certain banks as their annual home, and come to certain spawning grounds to spawn. It is at this latter stage that the great takes are made. If a bank is depopulated by too great slaughter of the inhabitants when they collect to spawn, the future fishery of that same spawning ground, or of its approaches, suffers accordingly. Herring are believed to inhabit banks upon which the depth ranges from 40 to 100 fathoms. Where deeper water intervenes between two such banks, as in some cases it does to 400 or 500 fathoms, it is believed that the herring do not cross the deeper channel, apparently because their food supply is not found in the deeper waters. This explains the fact that where an isolated bank has been overlooked it is not recruited by immigration of herring from other waters. The result of investigations of temperature was to show that the temperature most affected by spawning herring was $52\frac{1}{2}$ degrees of Fahrenheit. In waters which were warmer or colder than this the spawning shoals were not to be found. This discovery of the temperature at which herring spawn is of vast importance to herring fleets. It will give them a clue where to search for shoals, instead of doing so at random, as now. Warmer and colder currents seem to fluctuate, and hence it is that herring are found one year on certain grounds, and in another season are lying some miles away. They seem to have followed the shift of the water of the required temperature." The report adds: "In a year or two we may witness all herring fleets equipped with sounding apparatus for taking temperature; when sounding shows the water to be too cold or too warm, the fleet will move on until they find water of $52\frac{1}{2}$ degrees. Then they may at once begin to look out for a shoal."

GASPERAUX.

More gasperaux have been taken this year than last, but the catch, whether large or small, has ceased to be of importance, except to limited localities. At Vernon River, Tyne Valley, and in a number of other places they are seen but are not fished for. Government, the past spring, made a grant in aid of opening the channel across the beach to the ponds at Point de Roche, Queen's, but the improvement there appears to have been only 115 barrels over the catch of last year.

COD, HAKE AND HADDOCK.

Cod fishing has not been pursued this year with the persistence it deserves. Lobster canning has drawn all available labour within its vortex. In previous reports we have had occasion to express an opinion that the cod, hake and haddock fishery along the coast is the fishery of all others the most reliable and the least subject to fluctuation of prices or other disappointment. Fishermen know precisely to what spot of sea to go for their prey. Hitherto, fishing has been carried too far inshore. Water of 30 fathoms or upwards is not reached until ten or fifteen miles off coast. Our boats rarely go out over four miles. This has been owing to almost all our fishermen being also small farmers, and not liking to be long absent from their hold-

ings, but mainly to the small size and imperfect outfit of their boats. Altogether some improvement in the size of boats is observable, attributable, perhaps, to the prospect of fishing bounty. The fishery continued good as late as the end of October.

Notwithstanding that about 90,000 fathoms of trawls were set this year, the observation of fishermen shows that hook-and-line is an equally reliable and less wasteful method of catch. Experience of those seasons have also shown that cod gill-nets are not successful here, and while thirty-one were in use in 1881, only three, of 150 fathoms in all, were set this year. The small catch of herring for bait was somewhat against the fishery, a good catch of herring and plenty of cod usually going together. The fish were of fair average size and the curing good. Most of the catch was taken within the three-mile limits. A large number of New Brunswick boats fished off the north coast, whose catch should be, but is not, added to the product of Prince Edward Island. The usual complaints reach me against trawlers, but fishing by trawls (that is to say, set lines) is legitimate. A notable omission this year is that no boneless cod or hake was put up, which is the more to be wondered at that the article was acceptable for family use.

These remarks are borne out by the warden at North Cape, who reports: "A large number of New Brunswick boats were fishing cod and hake to the northward and eastward of North Cape; also quite a number of Nova Scotia cod fishers, and they are reported to have done well. I believe those New Brunswick and Nova Scotia fishermen are taking the best of our large fish, *for they fish in deep water*. It is a great mistake our boats are too small to do the same fishing. It is quite a sight to see 50 to 100 of those well equipped boats at anchor in the North Cape cove. Parties should induce some capitalist to start an oil and scrap factory at the North Cape. It would be supplied." I agree with Warden Nelligan's suggestion respecting a manufactory of chemical manure.

HAKE

Are always scarce along the north shore, the principal supplies coming from King's County, east end of the island. The catch has been about equal to that of last year.

It is dangerous to make hasty suggestions, but I have thought over the matter in its bearings and have come to the conclusion that a purely fishing village or settlement of Norwegians or other people skilful in fishing, established by Government aid at a certain part of the north coast of this island, would be a success to those comprising it, and would be an example to our people that fishing is in itself a profession, and more profitable when pursued altogether by itself than when combined with poor attempts at farming. Details will be laid before the Department or Commissioner of Immigration, if required.

MACKEREL.

The season has been a poor one for the hook-and-line fishers, although on the west shore individuals did fairly, and as prices are high, made average wages. From other parts of the shore the reports are not so favorable. At one important fishing station (not necessary at present to specify) it is doubtful if the fishermen, although they fished full time, have taken enough to entitle them to fishing bounty. The fish were very irregular in their movements. A few were taken in herring nets immediately after the breaking-up of the ice, which led to the expectation of a good year. These hopes have not been realized. No great body of fish appeared in the Gulf till well on in August, and the weather was continuously stormy, with heavy gales. Many boats on the north-east of Prince County took next to nothing. To the eastward along the north of Queen's and King's Counties they did better, but even there, was a failure in places, while along the east coast of the island, especially off Cardigan Bay, the catch was fairly good. The complaint was not so much the want of fish as that they would not bite. The small catch of herring made it expensive fishing with imported bait. The quality of the fish was unusually good and size large.

The record of the Americans (taken from the warden's and other returns), was something like this: By the 27th of June quite a large fleet was in the Gulf, mostly along the north coast; they reported not having seen any schools after passing Cape Breton. There was no body of fish in the bay at this date. On the 29th a few schools, mixed with herring, were seen, and about 350 barrels taken off Souris. Weather for about ten days, fine but cool; the fishermen surmised the fish were at the bottom spawning. While the vessels were mainly cruising along the north coast, considerable schools were noticed off Georgetown on the south-east, but no seiners were there. Some of the schooners when coming north of Cape Breton had followed heavy bodies of fish, but they were not to be found in the bay and were thought to have gone towards Labrador. On 4th July the crews of fifty vessels, numbering 800 men, celebrated the United States anniversary on shore at Souris in a gay and orderly manner. Up to 14th July no fish were taken, the weather being unfavorable. About the 21st, prospects improved a little, but up to about the 7th of August the bulk of the fleet had done nothing, and some sixty vessels soon after went home with very little catch. Those who remained later found prospects amend. By the end of August some had filled up. Five did well off West Cape on the 22nd. A body of fish, estimated to be half a mile long, was seen off Malpeque, with several vessels in pursuit, and no doubt good hauls were made. Throughout September the fishing was very fair. One schooner took 267 barrels at one haul, completing her cargo. Between 22nd of September and 6th of October 1,762 barrels were sent by rail from Souris, with doubtless other shipments of which I have no account. Gales continued frequent in July and after August—indeed for three weeks the weather was described as execrable. From about the middle of October the schooners were returning home, and by the end of November only three remained in the bay. The Americans were loud in their complaints that their fishing was a failure, but I cannot learn that any of their fleet went home quite clean.

Complaints have been made, especially from the west of the Island and from Tracadie, that some of the American schooners seining within the three-mile limit carried away lobster-traps and disturbed the lines. Such incidents are somewhat apt to be exaggerated. The most reasonable cause of complaint (already averted to) against American seiners is, that they enclose large bodies of herring, which, as they have no use for, they throw overboard, to the great detriment of the bait fishers. This, which appears well founded, is without remedy; the Treaty of Washington providing no detailed regulation or police provision of any kind. It seems feasible that our own Island seiners, being so near home, will utilize any herring taken by them in seines and thus, in their own case avoid a like waste and damage.

A published letter from on board the fleet says: "The schooners out of the Island did fairly well for *Islanders* but of course they do not pretend to compete with Yankees." This is a text that may be fairly preached upon. There is no manner of reason why *Islanders* should not compete with Yankees, and I am happy to say that this year has shown some effort to do so. Last year there were only thirteen seines owned in the Province; this year thirty-eight, of 5,600 fathoms, with several new seiners, one of them the "General Gordon" of Souris, of 90 tons. The island tonnage engaged in the sea fisheries this year was forty-seven vessels, 1,764 tons, being largely in excess of previous years. Whether an impetus has been given by the prospect of fishing bounty I am unable definitely to say. At Stanhope, twenty fishermen, formerly hook-and-liners, have united on the principle of joint stock association in the purchase of a seine boat, and a seine of 160 fathoms in length by 40 deep. It is to be hoped their enterprise will be rewarded with success, and that the good example of association for mutual benefit will be generally followed.

It ought to have become apparent to hook-and-line fishers that the day for that primitive method of fishing is over. It is perfectly certain that the seiners will not go back on their tracks, and therefore the liners must come forward, and the sooner the better, for hook-and-line cannot compete with the seine. An American seiner would think his fishing a dead failure if he did not fill up at least 300 barrels, to be

divided between fourteen to sixteen hands. This represents a catch of 20 barrels to every man and boy on board, and many schooners, even in this poor year, have taken twice 300. Hook-and-liners can estimate for themselves whether there is much likelihood of their taking 20 to 40 barrels per man with hook-and-line only. Nothing can be more certain than that this quantity as an average year by year has never been reached under the present system of individual fishing.

It may be useful to note the comparative chances of seining and hook-and-line fishing on the same day, at the same locality, which I take from reports from various parts of the Province. In the instances noted both the seiners and line fishers were Islanders:—

Seine.	Hook.
5th August, Tignish. Myrick's schooner done pretty well.	Not much doing.
8th do Stanhope. 100 barrels at one haul. A Nova Scotia schooner enclosed 400 to 500 barrels, but seine broke.	Not much doing.
End of August. Bay generally. Some Americans filled up.	Continue to have hard luck.
22nd August. "Miminigash," "Gordon" and "Gallant" took 14,000 fish at one haul.	No catch of any importance with hook up to date.
2nd September. Off Miminigash. A foreign schooner took 200 barrels close in shore.	Little done past two weeks.
6th September. Schooners doing fairly well along west shore.	Very poor, except a few good days.
7th September. Cardigan. None.	Fair catches. One boat took \$100.
16th September. Malpeque. Doing fairly well.	Absolute failure generally. On East Bay two men in dory hooked 1,000 fish.
9th October. "J. A. Mathieson," Campellton, 200 barrels No. 1, at one haul.	Poor catch.
A remedy for this great disproportion lies in associating for the purpose of procuring modern appliances, as has been done by the Stanhope fishermen.	

CANNED GOODS.

The canning of mackerel seems to be laid aside for the present. Last and preceding years showed respectively 229,000 and 430,000 cans; this year only 12,484. I am not well informed as to the cause of this diminution—probably the high price given for barrelled fish.

LOBSTERS.

In the early part of the season there seemed every prospect of a ruinous year for lobster fishing. To the astonishment as well as the satisfaction of packers, the catch has turned out largely in excess of 1883, which was a fair average year. The lobsters were fairly well filled. Estimating from imperfect data, it took an average close on five lobsters, and a small decimal over, to fill a 1-pound can, being about the same as last year. A few $\frac{1}{2}$ -pound cans were put up in Prince County in handy form for picnic use.

The record of the fishing is as follow:—Spring was very late in coming and the ice hung long about the coast. The packers had an expensive time in keeping their hands idle for fully the first four weeks of the season. The first lobster caught was on 3rd June. When all hands got to work they partly made up their leeway, for the first "batch" or run of lobster came in quite as fast as they could be utilized. I have noticed this to have been the case in previous years, as if, when ice remained long,

the lobsters congregated in large bodies on the outer edge of the frozen belt, ready to run for the shore as soon as it was clear and the temperature suited. Subsequently the batches fell off to a little less than the average. Throughout the whole of July lobsters were abundant, but frequent gales considerably curtailed the fishing, and, in places, injured the traps. Prospects again seemed unfavorable, and a memorial signed by fifty-eight packers—representing seventy-seven factories—was sent to the Minister, praying for an extension. I was directed to forward an estimate of what the probable catch of the year might be, and placed it at 3,727,000, up to 30th August, which was 600,000 cans short of the mark. Extension was granted to 30th August. Meantime the catch had become better and a good many factories came up to the average of last year. Several shut down before the 30th August, and there did not seem any general desire for a further prolongation of time. It has always been difficult, and is now more so, on account of the fishing bounty, to prevent men, towards the end of the season, from deserting to the mackerel fishery. According to a statement furnished me by Mr. Lydiard, Customs broker, Charlottetown, the quantity exported to date of 3rd December, was:—

	Cans.
To Great Britain.....	2,861,568
United States.....	511,776
Havre	95,856
Hamburg.....	19,200
Amsterdam	9,600

A total of 3,498,000 cans, being 381,028 cans in excess of 1883.

Ninety-five factories (for ninety-seven), were in operation. One was accidentally burned; twelve did not operate; two are in progress of erection, and twenty-four new factories are projected for next year.

During the past year forty-one factories have called on the inspector to adjust disputes, and have voluntarily abided by his decisions. Twenty-four other applications are on file, craving for an immediate adjustment preparatory, to making arrangements for next year.

In this connection I have been favoured with copy of an official opinion given by the legal adviser of the Government, in regard to certain circumstances of lobster fishing in the County of Gloucester, New Brunswick, which opinion seems to have been given on the action of a fishery warden there, and respecting which I am ignorant. My attention has also been drawn (though not by the Department) to the high authority of Coulson. Both authorities lay down the principle that the right of fishing in the sea is *primâ facie* vested in all subjects of the realm, and the right of fishing therein is free to all as of common right. Coulson adds: "It would appear, by common law, the public have the right of catching in the sea and public rivers all the fish they can by all means which are not inconsistent with the rights of others, but that *any undue interference* with the rights of others is a nuisance and indictable. The right of public fishery, however, includes the right to use lawful nets." As the Fisheries Act places shell fish on the same footing as floating fish the word "nets" logically includes traps. The legal axioms of the sea, thus laid down, are: Sea fishing is open to all, with a common right to the use of the shore. These principles are so well known that they have never been lost sight of by the undersigned, and have never been infringed upon in the fishing waters of Prince Edward Island during his term of office.

Speaking for this Province only, the matter narrows itself to the query: Has a lobster packer a right to set his traps in the sea-front of his factory without being subject to injurious interference? And what constitutes injurious interference?

It is evident there is a misapprehension of the premises by some persons in regard to the matter of lobster trapping in this Province and of the action of the fishery officers in regard to it. The assumption is that an exclusive right of property in a portion of the sea purported to be given. Such not being the case, *imprimis*: all complaints were adjusted by the fishery officers under section 18, sub-s. 5, of the

Fisheries Act, *never under section 13, sub-section 11.* Parties aggrieved by trespass after the inspector had pointed out what would constitute "undue interference" in that particular instance, were referred to their lawyers.

The very wide distinction between "fishing," properly so called, and lobster *potting*, as in England it is more correctly described, seems to be lost sight of in discussing this matter. Trapping is not fishing. The appliances of fishing, namely nets and lines, are movable; the apparatus of trapping is traps, that is to say "fixed engines," so recognized in British law. It is not claimed that any fishery officer of a Province can lay off a space of sea-room exclusively to any person whatsoever for fishing. One hour one fisherman may throw his net or cast his hook in a piece of sea and next hour somebody else may do the same. This is fishing. Potting or trapping is altogether different.

In lobster trapping—miscalled lobster fishing—an apparatus is anchored for twelve weeks on one spot. A large number of traps (each of which is, in itself, an "apparatus" under the Act), are permanently connected together, so as to cover the given space of sea-bottom that is necessary for the trapping of as many lobsters as the factory on shore has been constructed to can. Each of these traps requires a measured space, and is permanently attached to a cable at a longer or shorter distance graduated as necessary to catch lobsters in that particular locality. To save boating, the traps are set as near as possible, so that they be effective. The whole field of, say, 1,000 or more traps, forms one apparatus—one sub-marine fixed engine. Protection to this fixed apparatus can, in no sense, be construed into a fishery grant, or exclusive right of fishing on any area, whether its limits be defined or not. Lobster fishing apparatus permanently anchored at the bottom of the sea interferes with no fishery. Seiners seine over it; hook-and-liners fish over it. It is simply and solely a sub-marine "fixed engine," in the English acceptance of the term, and as such, the Inspector of Fisheries for this Province has regarded it as entitled, under section 18, sub-section 5, of the Fisheries Act, to protection against undue interference.

Each individual trap, as a unit of this complicated system or apparatus of traps, demands a given space to make it operative, and intruding traps set in and among the traps of such system render them inoperative, while a line of trespassing traps set between the apparatus of a factory and the open sea acts as a fence, and prevents the lobsters, coming in from the sea, from reaching said apparatus. Here the vague and misleading phrase, "an equal right to fish," falls to the ground, for no man has any right to injure his neighbor, as the setting of intruding traps among or in front of his would do. It is true such injury is actionable at law, but that is no practical remedy, as is hereafter shown.

Bearing in mind what is sufficiently self-evident, namely, that a large fixed apparatus necessarily occupies a greater base of sea-bottom than a small one, it is manifest that there is no protection whatsoever to apparatus unless the required base for the proper working of such apparatus is guarded against trespass upon it by similar apparatus. It is in this sense, and in this sense only, that the inspector, when called on by the parties interested, and only when so called, has adjusted the space required by adjoining apparatus, so that neither might interfere with the other. This is nothing like a "grant of fishery." In the supposable case, that one factory increased and the adjoining factory diminished the number of their respective traps, a re-adjustment would be made, on the sole basis of preventing undue interference, and of giving a proportionate chance of success, by preventing trespass of traps upon each other. No superfluous space has ever been assigned, and any space not actually occupied with trap apparatus, has been regarded as vacant.

I may say, advisedly, that the arrangement hitherto pursued has acted well in this Province. Without some adjustment, giving security against injurious interference, it is most certain that the industry will fall into inextricable confusion.

Without definite and reliable protection of its trapping apparatus, any factory, built at large expense, may be rendered valueless, without practical recourse. Adventurers, without conscience or capital—of whom there are more than plenty—can run

up a shanty a few yards off, and mix up their traps among those of legitimate establishments, under the vaguely expressed claim of "equal right of fishing." A few lath or hoop traps and some coils of rope are all that are required to do mischief. An action at law is here useless; it provides no real remedy. A suit at law would be protracted by an appeal—never intended to be prosecuted—and meantime the intruder would continue trapping until the close of the season, and then disappear, or, if found, not be worth the cost. This is not a mere supposed case. To prevent such undue interference, producing, as it does, serious loss to the legitimate packers, and continual quarrelling among the fishermen, section 18, sub-section 5, of the Act, has been made use of here and has been received with acceptance. And to sum up briefly: The action of the Prince Edward Island fishery officers hitherto (as above set forth) has been limited to a settlement of disputes as to established apparatus, which, in my humble opinion, is consonant with both the letter and spirit of the Act.

On 29th of October I had instructions from the Department to state views and suggestions, based on the state of the lobster fishery in Prince Edward Island, for information of the Minister. Pending his decision, the suggestions I had the honor to make are not set forth in this report.

Accompanying the present report, but not forming part of it, are two appendices. Appendix No. 1 gives a list of the lobster factories in this Province—showing ninety-seven factories in operation the past year, with, by approximation, 93,800 traps—a number that, if set at 10 yards apart, would environ the whole island. Appendix No. 2 shows the number, year by year, of lobsters slaughtered in island waters since 1st of July, 1873, and foots up a massacre of 132,000,000.

OYSTERS.

The knowledge gained by certain observations elsewhere referred to, should be of great value in laying down oyster beds, for artificial culture, in localities of the island waters wherein natural beds are not found. Our whole shore is fringed with creeks and estuaries, wherein oyster farming might be successfully and profitably carried on. The requirements of shelter, absence of excessive tide, suitable bottom, and the proper degree of salinity are everywhere.

In several previous annual reports I have respectfully drawn the notice of the Government to the desirability of putting the fast-decaying oyster fishery of this Province under due regulations. It is unnecessary again to go over the arguments, but I may mention that several applications are on file with the Department for lease of stations on which to attempt the culture of oysters. Were the inspector directed to survey and lay off as oyster farms, and offer for lease a few experimental stations, it is believed they would be readily taken up. Section 15, sub-sections 4 and 5 of the Fisheries Act, gives the Minister power to authorize this, as also to expend parliamentary grants in stocking localities now oysterless. I beg to refer to last year's report for a suggestion to plant a small model oyster farm in each of the three counties; and I would beg to renew that recommendation, at least with reference to King's County, and would suggest Cardigan as a suitable locality.

There are a few facts with reference to existing natural beds that are to be taken into account. Many parts of the bottom of creeks and estuaries are of hard "mud" (so called), formed by the disintegration of sandstone mixed with washings of underlying clay, until of the consistence of brick paste, with but little vegetation. No better bottom could be found for the laying down of brood. In other places are deposits of shells, where oysters once were, but are not now, which is also good bottom for planting. The main requisite for good bottom is that it shall give a foot-hold for ready attachment, and be so firm that when the oyster opens its shell no washings or impurities may flow into the animal. Hence the use of tiles in oyster culture in Europe. Broken shells and projections of the clay offer, in this island, the same conditions as the artificial trays and made-floors of Europe. On these ready points and projections the "spat" or spawn, emitted from the brood oysters, catches and adheres. I do not think the spat has sufficient vitality to drift to long distances.

The minute young must be most delicate, much more so than the young of swimming fish. A favorite resting place of the spat is on the edge of the laminae of old shells. There once established, the young oysters grow in clusters, to the dimensions say, of 2 inches in length the first year. Thereafter the growth is proportionately more rapid, until at four years they come into market. It is a noticeable fact that all the oysters in a cluster do not grow on the same plane, with the inferior (flat) shell downwards and horizontally, but grow perpendicularly or at all lesser angles, the arrangement evidently being that each individual oyster shall grow with reference to the others, so as to have the largest facility for opening its shell. In this circumstance is a key to the destruction, from natural causes, of self-planted oyster beds. Thus, when the oysters in a cluster come to maturity, and in due course of time themselves emit spawn, such spawn or spat is caught on the ragged points and edges of the parent shell, forming a second growth above and upon the first. The process of stratum growing on stratum, floor upon floor, goes on increasing the bed in height each year, while, at the same time, the base is being extended, until the mass becomes a mound of oysters, sometimes of large area. The inner strata of this mass, being, from the superincumbent pressure, unable to open their shells, perish from suffocation, so that the mound comes to consist of a core of dead shells, with a thin covering of live oysters on the top. Where the mound, by annual increase, grows so high as to reach the ice-line, even that thin covering of oysters is killed. Moreover, these oyster-banks in the channels collect ooze, mussels and rubbish, tending still further to destroy the bed, until sooner or later it perishes. This destruction would be prevented by artificial culture in removing obstructions, raking the beds, preventing too thick a growth, and shifting the growing oysters into new water two or three times before they come to market. By such culture all waste is avoided and a much superior article produced.

These natural causes sufficiently account for the rapid deterioration of our oyster beds without the added destruction of digging them up for farm manure. Notwithstanding these depressing agencies, 28,320 barrels were this year sent to market, mostly in Canada. It will be observed that all our oysters are what are known in Europe as "sea oysters," that is to say, oysters that are taken from natural beds *in situ* and which, as their shells are rough and unshapely, fetch a much less price than the oysters of cultivation, the shells of which are thinner, smoother and more symmetrical. Two forms of oyster are found growing indiscriminately on the Prince Edward Island beds, namely, the long Canadian oyster and, in a lesser proportion, oysters circular in form. I am not naturalist enough to decide whether these are different varieties or merely variations in form.

The time seems to have come to open the oyster grounds—or a part of them—to lease, under due regulation. As matters at present stand, no one will venture the risk of artificial cultivation. The present state of the law and the custom of the country are exceedingly indefinite and unsatisfactory. It is doubtful if the law would protect private oyster beds from being robbed, under the guise of shell-digging. Hence the necessity for the area of artificial culture being secured by lease or grant, or by being set aside for the public interest. In last year's report I submitted details that, I think, would meet the case, and to which I beg to refer.

The fishery has not being so steadily pursued this year, owing to continued bad weather, which readily agitates the shallow water in which oysters are found. A number of oyster fishers have removed from Percival Bay, which has generally given a good yield. Two hundred boats were regularly employed oyster fishing on Richmond Bay. Twenty-four barrels are reported from St. Peter's, a new locality.

FRESHWATER FISHERIES.

Our streams are in excellent condition, well stocked with trout and offering fair pastime to anglers. Brook trout of 2 pounds, and sea trout of 3, 3½ and one of close on 4 pounds are mentioned. Netting is almost extinguished, the river wardens deserving credit for their watchfulness. The few remaining poachers confine themselves to

the more dastardly crime of spearing salmon, but even this is on a small scale and every possible precaution is taken against it. Sawdust is still the great trouble of the fishery officers, but it is checked wherever practicable; 44,880 pounds weight of fair trout taken legitimately by angling, in one season, is a creditable show for our small streams. I do not consider these 22 tons of trout as over fishing.

Several anglers from the United States have visited our trout streams the past season and have generally had good sport, and there is a welcome for more. No elaborate or expensive outfit is required. A medium rod of all-work (as our streams are small), and for flies, mayfly, winged hackles, cinnamon, ibis, professor and coachman (see Barnwell's *Game Fish of the North*, page 17, Carleton, N.Y., publisher) are all that are required. The country districts of the Province are destitute of hotel or tavern accommodation, but hospitable quarters can be obtained for the most moderate remuneration. The Island is easily reached by passenger steamer and a railway runs the whole length, leaving but a very few miles to tramp or drive from any station to the fishing ground. An angling trip to Prince Edward Island is among the least expensive of summer tours.

In several of the waters in which salmon fry were deposited they are taken by fly as samlets. We have no means of ascertaining the comparative growth or mortality of these young fish, excepting by casual chances. It would cost no large expense to construct, near the hatchery or under the immediate eye of the inspector, an experimental pond, through which a brook could be led and a series of observations be noted of their development in that basin. No further cost need be incurred for these observations—the interest of the experiment should be its recompense.

Overseer Henry Clark, manager of the salmon hatchery on Dunk River, has been successful in obtaining ova to nearly the capacity of the establishment. Gravelly beds in the river offer the fish a temptation to spawn before coming up to the hatchery. Were these beds ploughed up, which could be done at trifling cost, the great body of fish would come to the hatchery itself, and thus give a certainty of ample supply. At the date of this report 1,250,000 eggs are on the trays and apparently doing well. This was the produce of 160 females, 7,500 each—sixty males. Salmon are reported abundant in the streams they frequent. No complaint has been made this year of injury to the streams from starch factories.

Smelts are in standing abundance in the mouth of all brooks in spring, as well as under the ice in winter, but until last year, when a small experimental shipment was made to Boston, were only used for domestic relish. It is understood the shipment paid expenses, although it arrived when the market was low. This year thirty-four boxes were shipped as a further test.

Fish-ways in this Island, where our streams are little more than large brooks, running a short course, are of less necessity than on the mainland, where the water-courses are rivers. The wardens have strict orders to see that the waterways are kept clear, and to remove obstructions from the foot of the slides. One fish-pass on Trout River, Prince County, in aid of which a grant of \$35 was made, is still in an unsatisfactory condition and will be repaired at the expense of the mill owners.

OTHER MATTERS.

Eels show a considerable value. It continues strange that the Island eels, being of the best quality, do not find a market in some shape. It is also strange that no herring are smoked. Eleven small boxes are all that are given, yet imported boxes, of no better quality, sell readily for domestic use.

That excellent fish, the striped sea bass, is supposed to be in plenty off the shore, but it is seldom caught, from not being specially fished for. At one time a considerable number, say in weight 3 to 7 pounds, were annually taken at Miminigash, Prince County, the only place where they were specially sought, but, for the past year or two logs have prevented their access. Warden McKenzie mentions the capture of a few south of Queen's, where they were not previously taken.

The past two years a very few shad have been taken, chiefly in the trap at Tignish, Prince. If it be true that these fish are not known to spawn north of the Bay of Fundy, it would be interesting to know how they have spread into the Gulf.

In cod-fishing some halibut are taken; this year about three tons, the largest fish weighing 400 pounds, and measuring $8\frac{1}{2}$ feet in length.

There is no means, except by estimate, of arriving at the quantity of fresh food fish used, apart from the regular fishing as given in the returns. Probably 150,000 pounds, at 3 cents per pound, is a close approximation for the 15,000 families of the census.

Fish oil shows 13,000 gallons, mostly of a quality superior to common, as it is cold-drawn and not expressed by heat. One quintal of cod gives about one gallon of oil. No dogfish oil made.

Cod and hake sounds form an article of commerce this year, to the value of \$8,000, being less than usual. In some instances, however, they are not saved.

A Hamburg mercantile house, with a branch at Chicago, has been making enquiry respecting sturgeon, with a view to the manufacture of caviare. Sturgeon are on this coast, but are never seen, excepting when a stray one, of small size, is found entangled in nets.

No fish guano is manufactured, but a large quantity of lobster offal is carted away by farmers as manure; 2,000 tons is not too large a computation. There is abundance of raw material for the manufacture of fish or chemical manure on a considerable scale; there might be difficulty in collecting it.

All offences against the Fishery Act that have been brought to my knowledge have been dealt with as set forth in the returns of fines and forfeitures.

Of this date, in the letter to the Department, I have drawn attention to the large increase in duty demanded of certain fishery wardens from the increase of lobster factories.

I have the honour to be, Sir,

Your most obedient servant,

J. HUNTER DUVAR,

Inspector of Fisheries, Prince Edward Island.

APPENDIX No. 1.

(Accompanying Report on the Fisheries of Prince Edward Island, 1884, but not forming part of it.)

LIST OF LOBSTER FACTORIES in operation in the waters of Prince Edward Island, 1884, together with an approximation of the number of Lobster-traps set by each.

Warden's District.	Name of Factory.	Where.	Approximated Number of Traps Set.
<i>Prince County.</i>			
Warden Nelligan	Everestus Gallant	Lot 1	800
do	J. C. McCarthy	do	600
do	J. H. Davidson	do	800
do	John Agnew	do	800
Warden Alyward	Robert Bell	Horsehead	1,600
do	Francis Larkins	Skinner's Pond	800
do	Dd. Thompson	Black Pond	800
do	Francis Gallant	Lot 1	800
do	J. F. Myrick	do	1,200
Warden Rix	Wm. Bilyea	Miminigash	1,000
do	do	do	1,000
do	Clark, Robblee & Co.	do	1,500
Warden Doyle	J. A. Mathieson	do	1,500
do	do	Campbellton	1,500
do	J. S. Abbott	Miminigash	800
do	Richard Reid	do	800
do	Dd. Thompson	Campbellton	1,000
Warden K. Ramsay	C. C. Bell	Howard's Cove	1,400
do	Henry O'Leary	Danville's	800
do	Longworth & Co.	Smith's Shore	800
do	do	West Point	2,000
do	Henry O'Leary	Livingstone's	1,000
Warden Bryant	Peter Gavin	Brae	1,200
do	Longworth & Co.	Indian Point	1,200
do	Wyllie C. Holman	Higgin's Wharf	1,000
Warden Arsenaault	Joseph Gallant	Egmont Bay	800
do	Stephen Gallant	do	800
do	Gilbert Gallant	do	800
do	Longworth & Co.	do	1,200
do	J. C. Arsenaault	do	1,200
do	Bruno Poirier	do	500
do	Geo. P. LeBlanc	do	800
do	Placide H. LeBlanc	do	500
do	Peter M. Poirier	do	600
do	Samuel Pettipas	do	800
Warden Chiasson	J. H. Myrick	Tignish	1,200
do	Moses Chiasson	do	600
Warden A. McDonald	Charles Bennett	Alberton	800
do	R. A. Clarke	do	1,200
do	John Agnew	do	1,200
Warden G. W. Sharp	John Palmer	Hardy's Channel	500
Warden C. Howatt	Cameron Bros.	Augustine Cove	1,000
do	Frank Schaeffer	Cape Traverse	1,000
Warden Gillis	George Bennett	Fish Island	800
do	D. & P. McNutt	Darnley	1,000
do	W. Webb	Malpeque	100
Warden Holland	Collett & Newsome	Cape Traverse	500

LIST OF LOBSTER FACTORIES in operation in the waters of Prince Edward Island, &c.—*Continued.*

Warden's District.	Name of Factory.	Where.	Approximated Number of Traps Set.
<i>Queen's County</i>			
Warder Delaney.....	A. C. McLeod.....	Park Corner.....	1,500
do.....	Clark, Robblee & Co.....	New London.....	1,500
Warden McKenzie.....	Waddell & Co.....	Wood Islands.....	600
do.....	Hamblin & Co.....	do.....	600
do.....	E. Frost.....	do.....	800
do.....	David Ross.....	Belle Creek.....	1,000
do.....	Wm. Harris.....	Flat River.....	1,000
do.....	James Stewart.....	Pinnette.....	1,200
do.....	Wm. Dugay.....	do.....	1,200
do.....	R. McRae.....	Point Prim.....	600
do.....	John Marchison.....	do.....	1,200
do.....	Lantz & Co.....	do.....	1,200
do.....	McDonald & Co.....	do.....	800
Warden J. Mathieson.....	Hughes Bros.....	Canoe Cove.....	2,000
do.....	do.....	St. Peter's Island.....	2,200
do.....	Hennebury (Frazer).....	Little Cove.....	1,200
Warden Buote.....	Augustin Callaghan.....	Rustico.....	600
do.....	H. J. Laver.....	do.....	600
Warden Ready.....	Longworth & Co.....	Covehead.....	1,000
do.....	Morris & Hyndman.....	Tracadie.....	1,000
do.....	G. R. Burke.....	North Lake.....	800
do.....	Pickett Bros.....	Savage Harbour.....	800
Warden J. Howatt.....	Johnston.....	Victoria.....	800
<i>King's County.</i>			
Warden O'Brien.....	Pigott Bros.....	Mount Stewart.....	1,000
Warden Dingwell.....	Late Rolff, McLean and McCallum's (3).....	St. Peters.....	1,000
Warden Allan McDonald.....	Matthew McLean & Co.....	Bayfield.....	1,000
do.....	do.....	North Lake.....	800
do.....	C. C. Carlton.....	Campbell's Cove.....	600
do.....	McDonald, McDonald & Co.....	North Lake.....	1,200
Warden R. McDonald.....	John A. McLean.....	Cable Head.....	1,000
do.....	Horace Hazard.....	Glenfinlas.....	800
do.....	Doyle & McBride.....	Black Bush.....	800
Warden Morrow.....	J. O. Haley.....	Souris.....	1,200
do.....	C. C. Carlton & Co.....	do.....	1,000
do.....	J. Morrow.....	do.....	1,000
do.....	McDonald & McDonald.....	do.....	1,200
Warden M. Mathieson.....	Sheaver.....	Grand River.....	1,600
do.....	Launching Bay.....	Launching.....	1,200
Warden Burke.....	S. S. McDonald.....	Panmure Island.....	1,200
do.....	Forrest & Co.....	Boughton Island.....	2,000
do.....	James E. Grant.....	Launching.....	1,200
Warden Lowe.....	James Clow.....	Murray Harbour.....	2,000
do.....	Browse & Son.....	do.....	2,000
do.....	D. Davies.....	Beach Harbour.....	2,000
do.....	Prowse & LeLacheur.....	do.....	2,000
do.....	D. Munn.....	Little Sands.....	1,600
do.....	McClure Bros.....	High Banks.....	600
do.....	Doyle & McBride.....	North Side (included above).....	
Total Traps set in 1884.....			98,800

Number of Factories in operation past year.....	95
do not in operation.....	12
do new, in course of erection.....	2
do new, proposed.....	24

(With Annual Report on the Prince Edward Island Fisheries for 1884, but not forming part of it.)

STATEMENT of Lobsters taken in the waters of Prince Edward Island since that Province joined the Dominion of Canada on 1st July, 1873.

Counties.	1873.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.
1873.	7 Factories	—	Several Factories.	Several Factories.	A good many Factories.	Numerous Factories.	35 Factories.	53 Factories.	118 Factories.	123 Factories.	88 Factories.	95 Factories.
—	At 3½ Lobsters per 1 lb. can.	At 3½ Lobsters per 1 lb. can.	At 3½ Lobsters per 1 lb. can.	At 3½ Lobsters per 1 lb. can.	At 3½ Lobsters per 1 lb. can.	At 4 Lobsters per 1 lb. can.	At 4½ Lobsters per 1 lb. can.	At 4½ Lobsters per 1 lb. can.	At 4½ Lobsters per 1 lb. can.	At 5 Lobsters per 1 lb. can.	At 5 Lobsters per 1 lb. can.	At 5 Lobsters per 1 lb. can.
Prince .....	.....	.....	.....	40,054	398,720	907,200	1,992,842	4,445,568	15,595,603	12,804,600	9,749,890	10,380,960
Queen's .....	.....	.....	.....	.....	24,500	1,864,000	1,807,525	3,088,242	5,651,550	4,684,000	3,353,240	4,820,040
King's .....	.....	.....	.....	848,800	1,930,430	3,828,000	5,612,639	8,445,915	8,738,955	8,505,000	6,119,735	6,498,275
Totals .....	.....	69,264	259,684	1,268,854	2,358,650	6,599,300	9,413,006	15,979,725	29,986,108	25,993,600	19,222,865	21,699,275

Grand Total number of lobsters canned in Prince Edward Island, since 1873, one hundred and thirty-two millions.

It has been estimated that during the same period the total number of lobsters taken in the whole of the home seas of Great Britain did not exceed sixty millions.

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in and the Total Number of Men Employed, &c., in the County

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.							
	Vessels.			Boats.			Nets.		Weirs.		Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.
	Number.	Tonnage.	Value.	Men.	Number.	Value.	Fathoms.	Value.	Number.	Value.				
<i>Prince.</i>			\$					\$	\$					
Cascumpec Bay to Kildare Capes.....	1	46	1500	13	16	600	48	600	400	...	180	250	.....	400
Kildare to Sea Cow Head, including Tignish.....	3	174	4000	45	70	6000	200	1200	600	1	600	1423	500	1200
Sea Cow Head to Skinner's Pond.....	...	...	...	...	97	3000	388	1500	850	...	...	...	...	1155
Skinner's Pond to Black Pond.....	...	...	...	...	68	2700	154	925	463	...	...	...	...	1280
Black Pond to Big Miminigash, inclusive.....	...	...	...	...	55	2750	170	600	300	...	450	...	...	2500
Little Miminigash to Seal Point, Lot 7, including Campbeilton.....	3	124	4500	14	23	1110	70	150	70	...	400	...	...	525
From Seal Point, whole of Lot 8.....	...	...	...	...	25	1000	75	250	100	...	...	...	...	375
East Line to Lot 8, to Egmont Bay.....	...	...	...	...	12	360	24	600	300	...	...	...	...	120
Egmont Bay to Lot 15 Point. Bedeque Bay, including Summerside.....	...	...	...	...	12	480	35	2000	1000	...	...	...	...	279
Richmond Bay.....	...	...	...	...	14	420	28	800	400	...	...	...	...	...
Lot 12.....	...	...	...	...	5	700	10	870	682	...	...	...	...	5
Grand River, Lot 12.....	...	...	...	...	6	200	12	100	50	...	...	...	...	...
Graham Head, Lot 26, to Cape Traverse.....	...	...	...	...	4	250	12	250	175	...	...	...	...	80
Cape Traverse to Queen's County Line.....	2	60	2500	10	12	600	36	550	450	...	...	...	250	3000
Rivers Dunk, Tyne, Ten, Enmore, Percival, Pierre Jacques and others.....	...	...	...	...	3	100	6	...	...	...	168	...	...	...
Totals	9	404	12500	82	422	20270	1268	10395	5840	1	1630	1841	500	8169

Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish,
Prinice, Province of Prince Edward Island, for the Year 1884.

KINDS OF FISH.													FISH PRODUCTS.		VALUE.	
	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, lbs.	Hake, cwt.	Haddock, lbs.	Halibut, lbs.	Shad, lbs.	Trout, lbs.	Smelts, lbs.	Eels, lbs.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish used as manure, tons.		
500	.....	400	1584	.....	.....	.....	.....	200	1200	1000	250	155328	160	90	26,494 46
200	.....	200	.....	100	5000	2000	600	.....	.....	.....	.....	77328	150	80	28,611 31
911 335	30 16	455 166	2015 600	608 176	2500 5000	1315 600	.....	650	.....	2500	.....	77328 331296	1155 174	100 50	43,218 51 62,400 20
550	....	400	1000	200	.....	.....	.....	600	1000	1500	.....	111216	350	100	48,109 42
022	2	370	200	160	.....	.....	.....	200	1200	100	.....	171792	110	120	32,504 04
20	.....	10	.....	20	.....	300	...	100	500	500	.....	433600	5	400	56,461 75
300 670	16	.....	.....	.....	.....	.....	.....	1450	.....	2000	26	177744 339280	..... .....	250 400	24,320 28 46,583 60
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	17000	.....	.....	.....	51,000 00
460	.....	1500	400	.....	.....	.....	.....	200	1500	2000	200	87072	200	80	19,955 64
290	.....	650	200	.....	.....	500	.....	.....	.....	5000	3000	14016	300	20	19,329 42
280	40	20	.....	.....	.....	.....	.....	.....	.....	1000	3600	.....	6	.....	12,208 90
350	.....	.....	.....	.....	.....	.....	.....	500	500	.....	.....	.....	.....	.....	2,260 00
220	100	20	.....	30	.....	.....	.....	4500	.....	9000	.....	96992	60	60	16,828 04
20	25	.....	.....	.....	.....	.....	.....	13500	20500	15500	350	.....	.....	.....	4,212 70
628	229	4191	5999	1294	12500	4715	600	21900	27400	40100	24426	2072992	2670	1750	504,498 27	

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in
and the Total Number of Men employed, &c., in the County of

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.							
	Vessels.				Boats.		Nets.		Weirs, No.	Seines, fathoms.	Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.
	No.	Tonnage.	Value.	Men.	No.	Value.	Fathoms.	Value.						
<i>Queen's.</i>						\$		\$						
Prince County, E. Line, to New London.....	1	54	1200	12	18	1620	60	810	400	...	780	.....	407	.....
Cavendish to New London....	5	270	8700	24	9	320	35	120	85	.....	.....	.....	45	.....
Clifton.....	...	...	...	...	1	40	4	.....	.....	.....	.....	.....	.....	.....
Rustico District.....	1	26	1000	10	100	5000	450	7210	3600	...	1170	.....	2500	.....
New Glasgow.....	...	...	...	...	10	300	30	200	100	.....	.....	.....	125	.....
To Head of Wheatley.....	...	...	...	...	17	2500	108	240	100	...	150	.....	170	.....
Cove Head and Tracadie, in- cluding Ponds to King's County, N.W. Line.....	...	...	...	...	48	2830	158	4056	2000	...	450	.....	597	.....
King's County, S.W. Line, to Point Prim.....	7	120	8000	15	15	450	30	1600	800	...	120	.....	30	10
Pownal Bay to Seal River....	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hillsborough Bay, including Charlottetown.....	...	...	...	...	...	...	...	...	...	...	400	.....	10	...
Argyle Shore.....	...	...	...	...	22	880	50	1000	.....	...	.....	.....	100	.....
De Sable to Prince County, S.E. Line.....	5	200	5000	25	6	150	12	150	75	...	.....	.....	...	20
Rivers: North, East, West, Trout, Johnston's, Vernon, Winter and others...	...	...	...	...	...	...	...	...	...	...	.....	.....	.....	...
Totals.....	19	670	23900	86	246	14090	937	15386	7160	...	2670	400	4184	30

the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish,
Queen's, Province of Prince Edward Island, for the Year 1884.

KINDS OF FISH.														FISH PRODUCTS.		VALUE.
Herring, barrels.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, lbs	Hake, cwt.	Haddock, cwt.	Halibut, lbs.	Shad, lbs.	Bass, lbs.	Trout, lbs.	Smelt, lbs.	Eels, lbs.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish used as manure, tons	
																\$ cts.
1825	.....	450	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	163000	175	200	33,416 25
310	60	225	200	40	1000	.....	.....	.....	1200	1000	3000	.....	.....	80	.....	3,550 25
.....	.....	35	.....	4	250	.....	.....	.....	300	.....	7000	180	.....	75	.....	1,204 50
3000	.....	6000	.....	.....	1000	.....	.....	.....	.....	500	6000	.....	36720	100	100	79,521 40
300	.....	100	.....	.....	.....	.....	.....	.....	1500	2000	4000	.....	.....	.....	.....	3,325 00
1000	.....	250	.....	.....	4000	.....	.....	.....	80	.....	200	.....	.....	300	.....	7,214 30
1410	220	924	.....	.....	.....	.....	.....	.....	300	1000	500	.....	117600	325	100	30,838 25
450	.....	95	150	95	5000	400	.....	60	500	2500	400	.....	343200	150	300	45,166 85
36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	430	.....	.....	.....	1,434 00
10	.....	20	.....	.....	1500	400	.....	.....	1000	500	200	1800	.....	.....	.....	5,901 00
685	5	.....	.....	.....	.....	.....	.....	.....	1000	10000	500	200	226638	.....	300	32,550 06
400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1000	.....	76800	.....	50	13,166 00
.....	10	.....	.....	.....	.....	.....	.....	.....	2600	12000	.....	1230	.....	.....	.....	4,601 00
2426	295	8099	750	139	12750	800	.....	60	8480	29500	22800	3840	964008	1205	1050	261,888 86

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in
and the Total Number of Men employed, &c., in the County of

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.							
	Vessels.				Boats.			Nets.		Weirs, No.	Seines, fathoms.	Salmon, fresh, in ice, lbs.	Mackerel, barrels.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	Fathoms.	Value.					
<i>Kings.</i>			\$			\$			\$					
Queen's County, N.W. Line to Morell, including St. Peter's Bay ...	...	...	...	...	60	1500	180	2510	1000	...	350	475	30
Morell to Cable Head.....	...	...	...	...	10	500	30	1000	500	...	...	2718	28
Schooner Pond to Naufrage.....	...	...	...	...	60	1500	180	2510	1000	...	350	1200	60
Lots 46 and 47, including North and South Lakes.....	...	...	...	...	130	4000	400	7572	3000	...	175	...	78
To Red Head, including Souris.....	4	300	9500	40	90	1390	173	8080	3216	...	780	...	59	
Rollo, Fortune and Howe Bays.....	...	...	...	...	27	600	204	400	200	...	...	...	13
Boughton Bay and Island.....	...	...	...	...	60	1800	180	6000	...	...	...	...	98
Cardigan Bay.....	4	200	6000	30	50	1500	200	500	1000	...	...	...	3
Georgetown to Cape Sharp.....	5	40	1800	20	20	600	40	2500	1200	...	...	...	60
To Queen's County S.E. Line, including Murray Harbour.....	6	150	4500	24	25	600	50	2000	1000	...	...	...	10
Rivers Morell, Midgell, Marie, Montague, Cardigan, Brudenell and others.....	...	...	...	...	8	250	24	180	140	...	...	...	5
Totals.....	19	690	21800	114	540	14240	1661	33252	12256	...	1655	4393	451	

he Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, King's, Province of Prince Edward Island, for the Year 1884.

KINDS OF FISH.													FISH PRODUCTS.			VALUE.	
Mackerel, in cans.	Herring, barrels.	Alewives, barrels.	Cod, cwt.	Cod Tongues and Sounds, lbs.	Hake, cwt.	Haddock, lbs.	Halibut, lbs.	Trout, lbs.	Smelt, lbs.	Eels, lbs.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish Guano, tons.	Fish used as manure, tons.		
....	703	399	240	.....	63	1150	460	900	450	940	24	48000	151	...	100	15,434 40
....	180	87	430	.....	30	.....	.....	.....	.....	.....	.....	48000	400	...	.....	12,184 70
....	100	73	40	.....	.....	.....	.....	1100	1200	200	...	62796	42	...	.....	14,718 32
....	2600	400	2600	2600	2300	.....	.....	5000	1000	5300	...	151275	2450	...	100	60,913 50
....	1412	.....	1418	1439	2005	12500	.....	.....	.....	.....	...	115120	2663	...	100	41,944 50
....	168	.....	105	100	100	.....	.....	500	1000	2000	...	.....	200	...	.....	3,233 25
....	1275	.....	600	200	300	2000	.....	400	5000	2000	...	154800	900	...	100	38,455 00
000	350	.....	20	.....	.....	.....	.....	500	5000	300	...	.....	.....	...	.....	2,253 00
....	550	.....	1000	1000	400	.....	.....	.....	500	500	...	219360	500	...	100	41,308 20
000	700	.....	1000	4500	2500	2000	.....	500	2000	3000	...	500304	1800	...	200	81,701 48
....	125	.....	100	300	100	.....	.....	5600	1100	2500	...	.....	100	...	.....	2,587 00
000	8163	959	7553	10139	7798	17650	460	14500	17250	16740	24	1299655	9206	...	700	314,733 35	

RETURN showing the Number, Tonnage and Value of Vessels and Boats engaged in the Fisheries, Quantity and Value of Fishing Material, Kinds and Quantities of Fish, and the Total Number of Men employed, &c., in the Province of Edward Island, for the Year 1884.

DISTRICT.	VESSELS AND BOATS EMPLOYED IN FISHING.						FISHING MATERIAL.				KINDS OF FISH.					
	Vessels.			Boats.			Nets.		Weirs.		Salmon, fresh, in ice, lbs.	Salmon, in cans, lbs.	Mackerel, barrels.	Mackerel, in cans.	Herring, barrels.	Alewives, barrels.
	Number.	Tonnage.	Value.	Men.	Number.	Value.	Fathoms.	Value.	Number.	Value.						
Prince County.....	9	404	12,500	82	422	20,270	9,595	5,440	1	1,630	1,841	500	8,169	7,484	15,628	229
Queen's do	19	670	23,900	86	246	14,090	15,380	7,160	.....	2,670	400	.....	4,184	3,000	12,426	295
King's do	19	690	21,800	114	495	13,655	33,442	12,556	.....	1,305	4,393	.....	4,513	2,000	8,163	959
Fresh fish, 15,000 families .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals	47	1,764	58,200	282	1,163	48,015	58,417	25,156	1	5,605	6,634	500	16,866	12,484	36,217	1,483

DISTRICT.	KINDS OF FISH.										FISH PRODUCTS.		VALUE.			
	Cod, cwt.	Cod Tongues and Sounds, lbs.	Hake, cwt.	Haddock, lbs.	Halibut, lbs.	Shad, lbs.	Bass, lbs.	Trout, lbs.	Smelts, lbs.	Eels, lbs.	Oysters, barrels.	Lobsters, cans.	Fish Oil, gallons.	Fish used as manure, barrels.	\$	cts.
Prince County.....	4,191	5,999	1,294	12,500	4,715	600	.....	21,900	27,400	40,100	24,426	2,072,992	2,670	1,750	504,498	27
Queen's do	8,099	750	139	12,750	800	.....	60	8,480	29,500	22,800	3,840	964,008	1,205	1,050	261,888	86
King's do	7,553	10,139	7,798	17,650	460	.....	.....	14,500	17,250	16,740	24	1,299,655	9,206	700	314,731	55
Fresh fish, 15,000 families .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,500	00
Totals	19,843	16,888	9,231	42,900	5,975	600	60	44,880	74,150	79,640	28,290	4,336,655	19,081	3,500	1,085,618	68

RECAPITULATION.

YIELD and Value of the different Fisheries in the Province of Prince Edward Island,
during the Year 1884.

Kinds of Fish.	Price.	Quantities.	Value.
	\$ cts.		\$ cts.
Salmon, fresh..... Lbs.	0 15	6,634	995 10
do canned..... Cans.	0 25	500	125 00
Mackerel..... Brls.	10 00	16,866	168,660 00
do canned..... Cans.	0 12	12,484	1,498 08
Herring..... Brls.	4 00	36,217	144,868 00
Alewives..... do	3 50	1,483	5,190 50
Cod..... Cwt.	4 25	19,843	84,332 75
Cod and Hake Sounds..... Lbs.	0 65	16,888	10,977 20
Hake..... Cwt.	3 50	9,231	32,308 50
Haddock..... Lbs.	0 06	42,900	2,574 00
Halibut..... do	0 06	5,975	358 50
Shad..... do	0 06	600	36 00
Sea Bass..... do	0 06	60	3 60
Trout..... do	0 06	44,880	2,692 80
Smelt..... do	0 06	74,150	4,449 00
Eels..... do	0 06	79,640	4,778 40
Oysters..... Brls.	3 00	28,290	84,870 00
Lobsters, canned..... Lbs.	0 12	4,336,655	520,398 60
Fish Oil..... Galls.	0 65	13,081	8,502 65
Fish Manure, unmanufactured..... Tons.	1 00	3,500	3,500 00
Fresh Fish, 15,000 families..... Lbs.	0 03	150,000	4,500 00
Total Value of the Products of the P.E.I. Fisheries, 1884.....			1,085,618 68
do do 1883.....			1,272,467 93
Decrease in 1884.....			186,849 25

J. HUNTER DUVAR,
Inspector of Fisheries, P.E.I.

No. 7.

BRITISH COLUMBIA.

NEW WESTMINSTER, 9th February, 1885.

The Honorable A. W. McLELAN,
Minister of Marine and Fisheries, Ottawa.

SIR,—I have the honour to forward herewith the statistics of the yield of the fisheries in British Columbia for the year 1884, and beg to report as follows:—

1. The returns show a decrease from last year, amounting to \$286,378.32. This decrease falls chiefly on the salmon pack on the Fraser River, numbering 55,050 cases less than last year. As will be seen by the returns, only six (6) canneries out of thirteen (13) operated during the season. This was owing, not only to the periodical short run of the suck-kie, but to the large quantity of tinned salmon on the market and the low prices obtained.

2. The following extract is taken from the review made on the canning trade of the year 1884 by the San Francisco *Chronicle*, viz.:—

"There is estimated to be over in Great Britain now—1st January, 1885—in an unsalable condition, pressing on the market like a load on a dyspeptic's stomach, over two hundred thousand (200,000) cases of fall salmon, that will not bring much more than freight, insurance and charges."

3. A good deal of bad fish has, no doubt, been put up through the hurried and imperfect packing during the last part of the season, when there has been a tremendous run of fish, a thing which occurs periodically in the Fraser River. In future, no doubt, the cannery will be more careful, as they now see the bad result of putting up inferior fish, &c, &c. Each firm, I now hope, will endeavor to produce such an article as will please their customers, and tend to increase the canned salmon trade of this Province.

4. The proportion of salmon packed by the several canneries on the Fraser, and the canneries on the northern coast, are as follows, viz.:—

	Cases.
Fraser River, six (6) canneries.....	38,437
Northern coast, eleven (11) canneries.....	102,805
Total cases, 4 doz. 1 lb. cans each.....	141,242
Representing an aggregate of.....	6,779.616 lbs.

Of this pack the following shipments are recorded:—

	Cases.
Per "Harvest Home," for London.....	16,820
Per "Frederick P. Lichfield," for London.....	34,532
Per "Estrella-de-Chile," for London.....	25,516
	76,868
Australia.....	13,791
Canada, E.....	30,463
Overland and destination unknown.....	14,176
On hand, including home consumption.....	5,944
Total number of cases.....	141,242

5. Through some unknown cause, the herring, although plentiful in the Gulf of Georgia, did not enter the Narrows at Burrard Inlet as usual, in sufficient quantities to justify the working of Mr. J. Spratt's oil and scrap manufactory.

This energetic gentleman has, during the past year, expended in further improved machinery, at Cove Harbour, upwards of \$20,000, to more effectually extract the oil from fish, and in the manufacture of scrap from the offal. Next year (1885) he intends to collect from the canneries on the Fraser River the salmon offal and convey it to his factory for the above purpose. In the event of this attempt proving a success, it would be advisable to prohibit any fish offal from being passed into the Fraser River, which no doubt is objectionable.

6. The fish scrap manufactured by Mr. Spratt is of superior quality; I tested it, and found that the acre of land manured with it yielded nearly double of the acre planted with like crop without manure.

7. A whale fishery is about to be established in the Gulf of Georgia, which, I have every reason to believe, will prove a great commercial success.

8. The demand for sturgeon is largely on the increase. This fish reaches to an almost incredible size in these waters; the largest captured this year weighed over 300 pounds. They have been caught up to 1,400 pounds.

James G. Swan, Esq., the Assistant United States Fish Commissioner, stationed at Port Townsend, in Washington Territory, in a letter to the Port Townsend *Weekly Argus*, on his visit to New Westminster, on the 16th ultimo, says, in describing the size of the Fraser River sturgeon: "This may sound like a fish story to those who never saw a fish bigger than a salmon, but there is no reason to doubt the truth of the statement, the great sturgeon of the Danube often exceeds 1,000 pounds, and the Fraser River sturgeon equals them in size."

Mr. Gauthier, of Detroit, Ont., and others, on the completion of the Canadian Pacific Railway, intend packing this fish, together with other kinds, in ice, and exporting same to the North-West by rail.

9. The business of importing oysters for culture from eastern Canada is still in abeyance.

I received a letter from the Secretary of the Mud Bay Oyster Company, dated 21st ultimo, in reply to enquiries made, as follows:—

"I have the honour to state for your information that the company sent me to San Francisco, last January, for the purpose of making arrangements to obtain a supply of eastern oysters; but, as the results after full, careful and complete enquiry, we found that the expense of obtaining oysters on the American lines would be too great to leave any margin of profit. When the Canadian Pacific Railway is finished, oysters can be imported at reasonable rates, and we trust that you will recommend the Honorable the Minister of Marine and Fisheries to grant us leave to delay until we can import oysters at a reasonable rate."

I therefore beg to recommend that their application may receive your most favorable consideration, as I am confident that as soon as transit can be made direct from eastern Canada the company will import a large stock of young oysters for planting at Mud Bay.

Mr. A. J. McLellan who obtained oysters from New York, and planted them in certain tidal waters of which he holds a lease, reports that the oysters are doing well at present, but he cannot state clearly about their spawning. A large amount of spat have attached themselves to all clean objects, and are now about the size of a 10-cent piece. Whether they are the offspring of native oysters or of those he imported from New York he cannot determine. He says: "The probability is that the native oysters have propagated in thousands, on account of imported oysters acting as clean stools for the native spat. The imported oysters are too young to emit spat until next year, when I hope to meet with good results. The sales have been very limited. I imported, 76 barrels of young oysters and 20 barrels of marketable ones; of the latter I have only sold 10 barrels, at \$20 per barrel. I am sorry I cannot give you more solid information in regard to the breeding, as this is the

important point. The large oysters I imported might have emitted spat, but I shall not be able to tell until next year."

Mr. John McLeod, of Sanich, Vancouver Island, applied for a lease of a part of the west shore of Sanich Inlet, Vancouver Island, for oyster culture, but as he has not replied to questions as to whether the granting of said lease would interfere with any vested rights, I have not forwarded the application.

10. C. B. Bagster, Esq., writing from Charlottetown, P.E.I., for information respecting the temperature of the Japan current which circulates through the British Columbia islands, as he is preparing a paper on the propagation of the lobster, not having any statistics to refer to, I wrote to Capt. J. Devereaux, commanding the Dominion Government steamer "Sir James Douglas," asking for the desired information, who, very kindly, sent me a very comprehensive statement, a copy of which is appended.

11. The fishermen of the Province are well conducted, peaceable and orderly; very few offences against the Fisheries Act were detected, although a strict supervision has been kept up. In each case suitable fines were inflicted.

12. In conclusion, I may say the outlook of the fishery industry of British Columbia is very promising, and ere long will be of great commercial value.

I have the honour to be, Sir,

Your obedient servant,

G. PITTENDRIGH,

Inspector of Fisheries for British Columbia.

STEAMER "SIR JAMES DOUGLAS,"

VICTORIA, 30th January, 1885.

MY DEAR CAPTAIN PITTENDRIGH,—In answer to your letter of the 27th instant, respecting the temperature, &c., of the water along these shores, I fear we are in great lack of reliable information on the subject; but, however, I will do all I can to assist you. Owing to the want of a thoroughly organized scientific survey and the comparatively recent time this coast has been settled, not much attention has hitherto been given to this subject, and all I know is from private observations taken by me as an amateur.

Some years ago I found the Kwra Tuva, or Japan current, at the south end of Kensis and, near the Loo-Choo Islands, in lat. 30° N. and long. 130° E., to be from 80° to 84° Fahr.; thence I have traced it eastward, varying downward from 70° to 60° in lat. 50° N. and long. 130° W., where the depth would possibly be 800 fathoms—and here I found the stream distinctly marked with dividing or partition walls, and abrupt changes in temperature; and now comes the difficulty, for where these waters go or what course the currents take after reaching the coast is a problem not solved. In my opinion they disperse, and are diffused all over the coast. Others will tell you this is only an hypothesis—and, in effect, illusory—for warm water being lighter than cold would float on the surface, and there be discovered by everybody. Now, this is not a scientific fact, for water only increases its weight and density until it reaches the temperature of 40° Fahr.; after that it becomes lighter and lighter the colder it gets, thereby protecting, as with a mantle, the warm water underneath from losing its caloric. Were it otherwise, the ocean would freeze to its depths, and once in that state would never again thaw, and the world and all animal life become dead. Now, as I have already said, I believe these waters are diffused all over the coasts of British Columbia and Alaska, for they cannot find their way out of the North Pacific until they have found their level, and thereby raise the atmospheric temperature on this coast. For, be it observed, that we never have a cold snap here only with the wind at N.E., in which quarter it has a clear sweep round the north end of the Rocky Mountains and brings with it the low temperature from the northern regions.

The bank of soundings on the west coast of British Columbia extends from the boundaries of Alaska to Cape Flattery, in Washington Territory, a distance of over 100 miles, and varying from 12 to 45 miles off shore. These banks are more or less the abode of deep-sea fish, and along their outer edges the fur seal feeds in spring and part of summer, and then disappears, and also down the slope of these banks ascends the salmon of our rivers to regions unknown, again to reappear in due season; and, to conclude, I have to say that, in all my experience over these banks, and in the land waters and islets, of which we have a coast line of 7,500 miles, I have never found the temperature of the water, at from 2 to 4 fathoms below the surface, less than 40° Fahr., and sometimes as high as 50°, with the thermometer in the open air at 50° Fahr.

Any more reliable information must of necessity be collected by a series of observations taken at different positions along the coast.

JOHN DEVEREUX,

Commander.

The last temperatures were taken at depths varying from 5 to 6 fathoms, but always below the surface.

RETURN showing the Number and Value of Vessels, Boats,

NAME OF PLACE.	NAME OF FITTER OUT.	STEAMERS.				FISHING BOATS.	
		No.	Tons.	Value.	No. of Sailors.	No.	Value.
				\$			\$
Fraser River—							
New Westminster.....	Ewen & Co.....	1	96	9000	4	40	1200
Lulu Island.....	English & Co.....	1	20	5000	2	40	1600
New Westminster.....	British Columbia Packing Co.....					40	1500
Coquillum.....	Haigh & Son.....	1	13	2500	2	30	1050
Ladner's Landing.....	Delta Canning Co.....	1	3	1250	2	42	1250
Sapperton.....	Jas. Laidlow.....					40	1600
Canoe Pass.....	British American Packing Co.....					26	1040
do.....	Wellington Cannery.....	1	3	1500	2	40	1600
do.....	British Union Packing Co.....					30	1500
do.....	E. A. Wadham.....					32	900
Dease's Island.....	Findlay, Durham & Brodie.....	1	15	3000	2	21	630
North Arm, F.R.....	Richmond Cannery.....					25	1000
No. of licensed boats and fish markets.....	used in fishing for sale to canneries					60	1200
Coal Harbor.....	Spratt's Oil Factory.....					4	250
Floating Cannery.....	Joseph Spratt.....					11	440
Skeena River.....	Skeena River Packing Co.....					15	750
do.....	Windsor Packing Co.....					28	840
do.....	William Duncan.....	1	5	1000	2	15	750
do.....	Balmoral Canning Co.....					10	400
do.....	Inverness do.....					40	1600
do.....	British American Canning Co.....					25	1000
Naas River.....	Naas River Fishery.....	1	8	1500	2	28	840
do.....	Oolaban Fishery.....					4	260
Alert Bay.....	Alert Bay Canning Co.....					6	300
Rivers' Inlet.....	Rivers' Inlet do.....					24	960
do.....	Victoria Packing Co.....					10	400
do.....	Wannack do.....					10	400
do.....	Helgesen & Co.....					1	40
Smith's Inlet.....	Quashela Packing Co.....					5	250
Queen Charlotte Island	Skidegate Oil Co.....					6	300
		1	37	6000	3	{ 50	1000
Coast of British Columbia, estimated.....		† 10	100	7000	20	150	15000
West Coast, Vancouver Island, engaged in seal fishery.....		{ * 9	525	25000	40	148	
		1	50				
Bilhoola.....	John McDonald.....					3	120
Dean Canoe.....	John Clayton.....					5	200
Burrard Inlet.....	J. Bossanich.....	† 1	5	500	2	2	70
do.....	J. Pete.....					1	60
do.....	J. Portega.....					1	50
do.....	T. Sackton.....					1	65
do.....	Portague Joe.....					1	60
do.....	J. Kinkade.....	† 1	12	600	2	1	70
do.....	J. Brown.....					1	60
do.....	Squamish Indians.....					3	100
do.....	J. J. Gould.....					1	50
Total Steamers.....		10		63850	85	878	
" Schooners.....		9	892				42755
" Sloops.....		12				198	

* Schooners. † Sloops. || Canoes. § Native Hunters.

RETURN showing the Kinds, Quantities and Prices of Fish

NAME OF STATION.	NAME OF OWNER.	Salmon, barrels, cured, at \$9 per barrel.	Salmon, fresh, No., at 30cts per fish.	Salmon, in cans, cases of 48 lbs. each, \$5.	Salmon, smoked, value.	Sturgeon, lbs., at 5cts.	Haddock, &c., value.	Halibut, fresh, in ice, value.	Herring, fresh, lbs., at 5cts.
					\$		\$	\$	
Fraser River—									
New Westminster...	Ewin & Co.....			9600		1600			
Lulu Island.....	English & Co.....			4055		900			
Sapperton.....	Jas. Laidlow & Co.....			6650		1400			
C canoe Pass.....	Wellington Cannery.....			8780		1550			
Woodward's Slough	Spratt's Floating Cannery..			4400		600			
North Arm.....	Richmond Canning Co.....	50		4952		850			
Skeena River.....	Skeena River Packing Co..	724		12247					
do	Windsor Packing Co.....	144		10546					
do	William Duncan.....			9772					
do	Balmoral Canning Co.....			7351					
do	Inverness do			12345					
do	British American Canning Co.....			11297					
Naas River	Naas River Fishery.....			8500					
do	Oolahan do	186							
Alert Bay.....	Albert Bay Canning Co.....	150		7000					
River's Inlet.....	River's Inlet do	165		11887					300 cases of Clams
do	Victoria Packing Co.....	2200							
do	Wannack do			8496					
do	Helgeson & Co.....	760							
Smith's Inlet.....	Quashela Packing Co.....			3364					
Queen Charlotte Is-land.....	Skidegate Oil Co.....								
New Westminster...	T. Herring & Co.....		10000			50000	4000		1500
do	W. Gregory & Co.....	150	50000		10000	180000	6500		3050
do	Fulton Market Co.....	7½	16356		5000	75000	5400		2000
Residents above New Westminster, for home consumption.....		500	60000		2000	10000	5000		
Residents above Burrard Inlet, for home consumption.....			6700				8500		8000
Residents above Victoria and Nanaimo and the coast of British Columbia, for home consumption and exportation.....		600	30000		350000	31000	211000	9000	20000
Bought by merchants and mill companies from Indians and others.....									
		5636½	173056	141242	367000	352900	240700	9000	34550

ADD—Estimated sales of Fish in markets, not including Westminster..... \$110,000
Amount of Fish cured for private consumption..... 8,000
Salmon, Haddock, &c., estimated consumption by Chinese labourers and others on railway..... 60,000

Total..... \$178,000

	Assorted Fish, at 6cts. per lb.	Trout, lbs., at 7cts.	Oolahans, fresh, lbs., at 6cts.	Oolahans, salted, at 8cts. per lb.	Oolahans, smoked, boxes, at 10cts. per lb.	No. of Fur Seal Skins.	Eastern Oysters, imported and laid down on beds, at \$20 per barrel.	Native Oysters, at \$5 per barrel.	Oolahan Oils, gallons, at \$1.	Black Shark and Dogfish Oil, refined, gallons, at 55cts.	Dogfish, Seal and Porpoise Oil, gallons, at 35cts.	Herring Oil, gallons, at 40cts.
18 lbs. each (1 lb. tins)	3400 6000 4000	3050 4000 3000	4000 6500 2000	13000	13000	\$9			43	45000		1452
	8000	23000	5000									
100	12000	7000	3000									
100	25000	36000	17000	20000	15000	156419	10	210				
100	58400	76050	37500	33000	28000	156419	10	210	43	45000	10000	1452

265

NUMBER and Value of Vessels and Nets engaged in the different Fisheries of the
Province of British Columbia, during the Year 1884.

10	Steamers and steam auxiliaries from 3 to 96 tons. }	892 tons...		\$63,850 00
21	Schooners, &c., from 5 to 80 tons.....			
878	Fishing boats.....			42,755 00
198	Canoes.....			
65	Flat boats.....			5,700 00
999	Salmon nets = 295,770 yards.....			119,635 00
39	Herring seines.....			4,980 00
5	do nets = 700 yards			2,500 00
78	Fish seines = 6,800 yards			6,800 00
3	Ooláhan nets.....			75 00
				246,295 00
25	Salmon canneries, estimated value.....	\$444,500 00		
1	Oil factory, Skidegate, Queen Charlotte Island	10,000 00		
1	Oil and scrap factory, Burrard Inlet	45,000 00		
1	Floating cannery, &c., oil factory	60,000 00		
	Various salting stations.....	11,000 00		
				570,500 00
				\$816,795 00

Sailors.....	85	
Fishermen.....	1,585	} 1,881
Native hunters "with sailing fleet"	296	
Shoremen		1,315

RECAPITULATION.

Yield and Value of the different Fisheries in the Province of British Columbia, in the Year 1884.

Kinds.		Quantities.	Value.
			\$ cts.
Salmon, salted	Brls.	5,636 $\frac{1}{2}$	50,728 50
do fresh	No.	173,056	51,916 80
do canned, cases, 4 dozen 1 lb. cans.....		141,242	776,831 00
do smoked.....	Lbs.	367,000	51,380 00
Sturgeon, fresh.....	"	352,900	17,645 00
Halibut, Whiting, &c.....	"	240,700	9,628 00
Libut.....	"	150,000	9,000 00
Crab and Smelt, fresh.....	"	34,550	1,727 50
do smoked			6,500 00
Shrimp, assorted	Lbs.	58,400	3,504 00
Crab,	"	76,050	5,323 50
Salmon, fresh.....	"	37,500	2,250 00
do salted	"	33,000	2,640 00
do smoked	"	28,000	2,800 00
Seal and hair Seal Skins.....			156,419 00
Oil, Oolâhan.....	Galls.	43	43 00
Black Shark and Dog-Fish Oil, refined	"	45,000	24,800 00
Crab-Fish Oil	"	10,000	3,500 00
Salmon Oil.....	"	1,452	580 80
Crabs, canned, cases 4 dozen 1 lb. cans.....		300	1,800 00
Crab sold in markets, not including New Westminster			110,000 00
Crab cured for private consumption			8,000 00
Salmon and other fish; estimated consumption by Chinese and other laborers on the C. P. Railway, not specially recorded.....			60,000 00
Western Oysters, imported and planted on beds.....	Brls.	10	200 00
Native Oysters.....	"	210	1 050 00
Total			1,358,267 10
Estimated consumption by Indian population, as per previous computation :			
Salmon	\$4,375,000 00		
Halibut	180,000 00		
Sturgeon and other fish.....	250,000 00		
Fish Oils	80,000 00		
			4,885,000 00
Grand Total of approximate yield, 1884.....			6,243,267 10

Comparative Statement of Yield of the years 1883 and 1884, exclusive of Indian Consumption :

Total, 1883.....\$1,644,645 42
do 1884.....1,358,267 10

Decrease, 1884.....\$286,378 32

GEO. PITTENDRIGH,
Inspector of Fisheries, B.C.

No. 8

ONTARIO

RETURN of the Number and Value of Vessels, Boats, Nets, &c., together with

STATIONS.	VESSELS AND BOATS EMPLOYED FISHING.						NETS, THEIR NUMBER, SIZE,						
	Vessels.			Boats.			Gill Nets.			Seines		Pound Nets.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	No.	Rods.	Value.	No.	Rods.	Value.
<i>Lake Superior Division.</i>													
Thunder Bay.....					5	565	15		12500	1125			
Welcome Islands.....					3	250	6		2900	261			
Point Porphyry.....					3	300	9		5000	450			
Roche Debout.....					5	600	26		9000	180			
Princess Bay.....												1	40
Victoria and Spar Islands					3	325	9		5000	450			
St. Ignace Island.....					5	600	34		2500	225			
Salter's Island.....					3	275	8		3300	292			
Copper Island.....					2	125	5		1400	126			
Black and Nepigon Islds. *1		1000		3	5	310	6		7400	666			
Michipicoton Bay and Isld					5	1125	10	36	2600	423			
Gros Cap and Parisienne													
Island					6	350	12	28	1800	300			
Lizard Island.....					10	2000	20	250	16000	4000			
Mamainse.....					2	600	4	125	1450	495			
Totals.....	1		1000	3	57	7525	164	439	70850	8993		1	40
<i>Manitoulin Division.</i>													
Grand Sable.....					26	1700	52	250	17000	3000		12	520
Grand Batture.....	*3	11000		9	40	4005	92	22	22920	2400		15	570
Algoma Mills.....	1	1000		3	2	400	8					7	240
Cockburn Island.....	*3	74	16000	16	20	3000	55	800	29000	10000		15	900
Green do.....					1	50	4					4	250
Duck do.....	3	70	11000	20	35	4500	75	1300	46000	13000		10	600
Clapperton do.....					2	300	4					2	120
South Bay Manitoulin....	1	50	7500	40	8	2000	16	1280	45000	18000		5	350
Kagawong.....					2	245	5	18	1144	275			
Tebay Bay.....												1	70
Squaw Island.....	2		7000	7	69	3725	134		3360	1200		9	460
For home consumption...													
Totals.....	13	191	53500	45	205	19925	445	3670	164424	47875		80	2290

*Tugs.

RIO.

he Yield and Value of Fish, in the Province of Ontario, for the Year 1884.

VALUE, &c.		KINDS, QUANTITIES AND PRICES OF FISH.												VALUE.	
Hoop Nets.		Whitefish, barrels.	Whitefish, lbs.	Trout, barrels.	Trout, lbs.	Herring, barrels.	Maskinonge, lbs.	Bass, lbs.	Pickered, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse fish, lbs.	Fish used for local consumption, lbs.		
No.	Value.														
	\$													\$	cts.
			178000		35300										17,064 00
		77	33000	125	51000										8,740 00
		100	15800	260	30000										7,264 00
		40		150											1,900 00
			73000		34000				10000		400				620 00
		30		190											8,560 00
		136		490	4000										2,200 00
		42		135	30000										6,580 00
		88	1000	340	6000	10			800						4,170 00
		270	350	230	200										4,938 00
															5,044 00
		160	20000	10	16000										4,100 00
		125	15000	150	15000										5,150 00
		76		70											1,460 00
		1144	336150	2150	215500	10			10800		400				77,790 00
			40000		20000										4,800 00
			43000		159000				84550		70000				24,733 00
			18135		3211				71312		63165				9,144 65
			279247		295663				50157		14060				49,702 22
			20000		20000				50000		70000		150000		3,200 00
			200000		600000				50000		70000				70,500 00
			10000		10000				28000						3,280 00
			100000		470000				70000						49,800 00
		50	7272	62											1,701 76
			100000		6000										1,280 00
		200	37308	250	354320				168085		17494				73,910 04
															4,500 00
		250	1103962	312	1938194				522104		234659		150000		296,551 67

RETURN of the Number and Value of Vessels,

STATION.	VESSELS AND BOATS EMPLOYED FISHING.						NETS, THEIR NUMBER, SIZE, VALUE, &c.								
	Vessels.			Boats.			Gill Nets.			Seines.			Pound Nets.		
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.
<i>Georgian Bay Division</i>			\$			\$				\$			\$		
From Collins' Inlet to Victoria Harbour	19	1297	43	213	10715	3505	...	...	...	...	...
From Victoria Harbour to Allanwood, including Christian, Beckwith and other Islands	68	2918	165	638	14380	5011	...	...	...	...	...
Meaford	*5	121	12200	17	8	1110	19	309	2825	7675	...	...	...	...	...
Cape Rich	3	255	6	35	315	875	...	...	...	...	...
Vail's Point	5	410	10	80	720	2000	...	...	...	...	...
Owen Sound	6	490	12	65	585	1625	...	...	...	...	...
Wiarton	*1	40	5000	6	9	755	18	80	730	1950	...	...	...	6	108
Barrow Bay	1	10	800	...	...	...	...	...	...	...	...	...	...	1	20
Inland waters of Parry Sound District	13	82	113	...	...	...	...	...
Totals	7	171	18000	23	118	7235	273	1433	30352	22754	...	...	...	7	128
<i>Lake Huron Division.</i>															
Saugeen River	4	880	12	200	...	2550	...	...	...	...	...
Kincardine	11	2275	33	500	...	6200	...	...	...	...	...
Saugeen	7	...	900	...	...
Sable Beach	3	525	9	140	...	1450	1	...	200	...	...
Burk and other Islands	9	1625	27	725	14934	6300	...	...	...	...	...
Goderich	3	550	9	225	4910	2150	...	...	...	...	...
Bayfield	7	335	28	7	455	1160	...	...	...	...	...
Bosanquet	130	270	2800	1680	...	...	...	...	...
Lake View	7	440	18	...	...	...	...	...	...	5	290
Plympton	11	205	38	...	...	...	9	594	1130	...	...
Lake Shore	1	25	6	...	...	...	1	60	100	...	...
Military Reserve	3	100	10	...	...	...	4	48	200	...	...
Point Edward	2	25	6	...	...	...	2	28	135	...	...
Sarnia Bay	7	105	27	...	...	...	7	83	265	...	...
Indian Reserve	8	103	35	...	...	...	7	114	345	...	...
Moore	3	50	10	...	...	...	3	62	190	...	...
Sombra
Totals	79	7243	398	2067	23129	21470	41	989	9455	5	290

* Tugs.

ats, Nets, &c.—Ontario—Continued.

KINDS, QUANTITIES AND PRICES OF FISH.															TOTAL VALUE
Value.	pop ts.	Whitefish, brls.	Whitefish, lbs.	Trout, brls.	Trout, lbs.	Herring, brls.	Eels, lbs.	Maskinonge, lbs.	Bass, lbs.	Pickarel, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, lbs.	Fish used for local consumption.	\$ cts.
200	442	42500	....	....	59500	112	.....	.....	.....	9700	23320	2000	19700	.....	15,579 00
....	172	160482	....	....	91800	228	.....	.....	.....	.....	.....	.....	.....	.....	23,042 56
....	42	29200	428	....	371000	.....	.....	.....	.....	.....	.....	.....	1280	1200	36,790 40
....	....	6000	58	....	100000	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,250 00
....	14	3000	277	....	66000	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,340 00
....	14	109000	150	....	68000	40	.....	.....	.....	.....	.....	.....	.....	5000	8,940 00
....	....	....	....	....	613000	50	.....	.....	.....	60000	.....	200	500	1600	63,323 00
....	....	....	....	....	15000	7	.....	.....	.....	3000	.....	150	.....	.....	1,422 50
....	....	....	....	....	2220	12	.....	.....	200	1200	.....	.....	6000	.....	501 60
200	684	350182	938	....	1386520	449	.....	.....	200	73900	23320	2350	27490	7890	164,189 06
....	....	....	....	....	80000	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,400 00
....	....	62000	....	....	43000	165	.....	.....	.....	.....	.....	.....	.....	.....	9,225 00
....	....	130000	....	....	168000	.....	.....	.....	.....	.....	.....	.....	.....	.....	23,840 00
....	....	....	....	....	250	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,250 00
....	....	....	....	....	184	.....	.....	.....	.....	.....	.....	.....	.....	.....	920 00
....	....	293000	....	....	154000	.....	.....	.....	.....	.....	.....	.....	.....	155000	40,410 00
....	....	101000	....	....	54000	33	.....	.....	.....	.....	.....	.....	.....	63000	14,455 00
....	....	115000	....	....	164	.....	.....	.....	7600	27800	.....	18000	.....	201000	19,074 00
....	....	....	....	....	5000	400	.....	.....	.....	.....	.....	.....	.....	85000	4,950 00
....	....	750	....	....	600	180	.....	.....	.....	5200	.....	59322	.....	.....	4,286 10
....	....	....	....	....	3500	1088	.....	.....	.....	34400	.....	31500	.....	.....	9,359 00
....	....	....	....	....	90	.....	.....	.....	.....	.....	.....	.....	.....	.....	450 00
....	....	....	....	....	1705	.....	.....	.....	.....	63330	.....	24000	.....	.....	13,524 80
....	....	....	....	....	322	.....	.....	.....	.....	1200	500	.....	.....	.....	1,707 00
....	....	....	....	....	770	.....	.....	.....	.....	16500	.....	1210	.....	.....	4,900 50
....	....	....	....	....	849	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,245 00
....	....	....	....	....	392	.....	.....	.....	.....	50000	.....	1000	.....	.....	5,010 00
....	....	701750	....	....	508100	6592	.....	.....	7600	198430	500	135032	.....	504000	164,006 40

RETURN of the Number and Value of Vessels,

STATION.	VESSELS AND BOATS EMPLOYED FISHING.						NETS, THEIR NUMBER, SIZE, VALUE, &c.								
	Vessels.			Boats.			Gill Nets.			Seines.			Pound Nets.		
	No.	Tonnage.	Value.	Men.	No.	Value.	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.
<i>Lake St. Clair and Thames River Division.</i>			\$			\$			\$			\$			\$
Mitchell's Bay.....	...	...	...	...	11	155	24	...	...	6	311	623	...	...	...
Sydenham River.....	...	...	...	...	1	25	3	...	...	1	10	15	...	...	...
Thames River.....	...	...	...	...	25	344	180	...	...	29	347	1470	...	...	...
Stony Point.....	...	...	...	...	7	255	28	...	...	7	4400	1165	...	...	...
Totals .....	...	...	...	...	44	779	235	...	...	43	5068	3273	...	...	...
<i>Detroit River Division.</i>															
Detroit River.....	1	7	1000	3	30	1490	135	...	...	31	4726	3435	5	260	...
<i>Lake Erie Division.</i>															
Point Pelée (Mainland) ..	...	...	...	...	35	2525	66	...	...	...	...	...	36	2300	...
do (Island) ..	...	...	...	...	9	785	18	...	...	...	...	...	20	...	...
Romney to Oxford.....	...	...	...	...	19	1185	30	...	...	2	135	135	15	...	...
Eagle Village.....	...	...	...	...	1	200	2	...	...	...	...	...	4	320	...
Tyrconnel .....	...	...	...	...	2	200	4	...	...	...	...	...	3	240	...
Port Talbot .....	...	...	...	...	1	10	2	...	...	1	12	30	...	...	...
Port Stanley.....	2	...	2500	4	1	10	2	...	...	2	20	40	14	1120	...
Port Bruce.....	1	...	700	2	2	20	4	...	...	2	60	100	2	160	...
Port Burwell.....	...	...	...	...	2	60	4	...	...	1	12	20	1	80	...
Long Point and Outer Bay.....	...	...	...	...	9	830	12	...	...	...	...	...	5	400	...
Houghton to Rainham, including Turkey Point, Normandale, Port Dover and Nanticoke.....	...	...	...	...	63	2680	135	33	1559	405	31	650	2963	12	870
Cayuga and Moulton Bay, including Grand River.....	...	...	...	...	6	95	18	...	...	6	101	320	...	...	...
Totals.....	3	...	3200	6	150	8600	297	33	1559	405	45	990	3808	112	5490

s, Nets, &c.—Ontario—Continued.

KINDS, QUANTITIES AND PRICES OF FISH.													TOTAL VALUE.
Whitefish, brls.	Whitefish, lbs.	Trout, brls.	Trout, lbs.	Herring, brls.	Eels, lbs.	Maskinonge, lbs.	Bass, lbs.	Pickereel, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, lbs.	Fish used for local consumption.	\$ cts.
.....	.....	.....	.....	.....	.....	.....	54400	.....	17600	.....	40200	16200	5,896 00
.....	33800	.....	70400	725	.....	.....	4800	131400	7760	200	40000	73000	1,392 00
.....	.....	.....	.....	.....	.....	235	260	1800	130	120	155200	.....	27,377 00
.....	33800	.....	70400	725	.....	235	60460	136400	25490	320	2100	89200	213 20
0.....	71950	.....	.....	1200	.....	450	570	8800	7850	47000	149600	15000	34,878 20
.....	30842	.....	.....	9118	.....	.....	29000	30000	.....	47800	7400	.....	20,025 70
.....	45561	.....	.....	634	.....	.....	.....	22483	.....	166600	9800	.....	54,209 36
.....	22800	.....	.....	1295	.....	.....	5200	41800	.....	30700	.....	.....	16,787 86
.....	20000	.....	.....	.....	.....	.....	.....	.....	.....	.....	75000	.....	12,654 00
.....	16200	.....	.....	.....	.....	.....	.....	.....	.....	.....	40000	.....	3,850 00
.....	55000	.....	.....	.....	.....	.....	.....	.....	.....	.....	4000	.....	2,496 00
.....	5200	.....	.....	.....	.....	.....	.....	.....	.....	.....	392400	.....	120 00
.....	3000	.....	.....	.....	.....	.....	.....	.....	.....	.....	48000	.....	16,172 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	23000	.....	1,856 00
.....	.....	.....	.....	240	.....	.....	9480	11264	.....	24395	10250	.....	930 00
8.....	29200	.....	.....	2450	.....	.....	3430	58650	1480	45325	31800	.....	3,971 89
.....	.....	.....	500	18	.....	2900	7150	10400	11800	1200	11350	30000	21,605 05
8.....	227803	.....	500	13755	.....	2900	54260	174597	13280	316020	653000	30000	3,237 50
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	137,899 66

RETURN of the Number and Value of Vessels

STATION.	VESSELS AND BOATS EMPLOYED FISHING.						NETS, THEIR NUMBER, SIZE, VALUE, &c.								
	Vessels.				Boats.		Gill Nets.			Seines.			Pound Nets.		
	No.	Tonnage.	Value.	Men.	No.	Value.	No.	Rods.	Value.	No.	Rods.	Value.	No.	Rods.	Value.
<i>Niagara River and Lake Ontario Division.</i>			\$			\$			\$			\$			\$
Port Colborne	3	100	10	3	250	60	2	80	160	1	40	30			
Point Abino	1	30	3	2	500	125	3	120	240	2	80	460			
Ridgeway	3	90	7	16	610	18	2	50	585						
Bertie	6	125	13	4	105	5	7	1580	430						
Fort Erie	4	180	13	2	500	130	5	270	530						
Queenston	2	105	6	6	1000	250	1	50	104						
Niagara	6	195	17	9	1720	485	3	150	345						
One Mile Pond.....	1	15	2	1	100	30									
Two Mile Pond	1	50	2	1	300	75	1	60	120						
Four Mile Pond	1	30	2	1	40	24									
Grantham	2	75	3				1	40	120						
Port Dalhousie.....	5	95	8	6	420	120									
Sixteen Mile Pond.....	1	15	2	1	60	20	1	30	50						
Twenty Mile Pond.....	1	50	2	2	400	110									
Clinton	2	120	4	2	1000	275									
Thirty Mile Creek.....															
Grimsby															
Winona															
Burlington Bay and Beach	18	950	27	26	4330	1185	2	220	200						
Twelve and Sixteen Mile Creeks															
River Credit.....	17	1400	48	27	11300	2950									
Bronté	2	30	4				1	30	80						
Port Credit	4	240	6	2	200	500	3	150	230						
Toronto	3	145	5	2	240	140	1	40	100	1	80				
The Humber	2	40	4	4	330	130									
Port Union	2	40	8				2	80	160						
Frenchman's Bay	3	50	3	4	238	100									
Whitby															
Bowmanville.....															
Port Hope.....															
Cobourg.....	29	1710	62	18	11400	2052	6	140	310	1					
Colborne															
Brighton															
Trent River, including Rice Lake (angling permits).....															
Totals	140	6635	286	127	35908	9191	37	1630	3824	2	80				

ts, Nets, &c.—Ontario—Continued.

KINDS, QUANTITIES AND PRICES OF FISH.														TOTAL VALUE.	
	Whitefish, brls.	Whitefish, lbs.	Trout, brls.	Trout, lbs.	Herring, brls.	Eels, lbs.	Maskinonge, lbs.	Bass, lbs.	Pickarel, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, lbs.	Fish used for local consumption.	\$	cts.
		2000		20	40			1200	1600		1800	1800			673 60
					5										25 00
					20				4000						340 00
					66			400	8300			900			879 00
					30				17500		12000	300			1,809 00
					245			400	900		3000	400			1,465 00
					30			1000	5600		16300				1,361 00
	3200				23			500	750			800			470 00
	1000				200						9700				1,565 00
	2200				75				500		100	360			596 80
	600														48 00
					16	1800		150	1600	250		1200			323 50
					3										15 00
								300		500		400			55 00
					50						100	2700			336 00
					2	200					400	2200			106 00
	2400														192 00
	2400				200							500			1,207 00
	900				802	2700		8000		13500		10600			5,690 00
												45000			1,350 00
												18000			540 00
					4961										24,805 00
												900			27 00
				2000	60					1500					535 00
	200			60	43			600		1775		66610			2,358 85
	900				1					550					104 50
	400				5			12		1480		200			137 72
	400				3	800				1000		1900			194 00
30				100000			100000	100000				110000			23,300 00
						16000	35000	45000	30000	18000	1000	60000			9,850 00
00	16600		102080	6880	15500	135000	157562	70750	38555	44400	324770				80,358 97

RETURN of the Number and Value of Vessels

STATION.	VESSELS AND BOATS EMPLOYED FISHING.							NETS, THEIR NUMBER, SIZE.				
	Vessels.				Boats.			Gill Nets.			Seines.	
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	No.	Rods.	Value.	No.	Rods.
			\$			\$				\$		
<i>Prince Edward County and Bay of Quinte Division.</i>												
Weller's Beach to Spencer's Point.....	4	40	2400	12	8	240	20	.....	3000	1200	8	1200
Wellington Beach and East and West Lake.....	7	140	20	.....	3000	1200	...	...
Long Point to Black Creek, including Smith's Bay	14	560	42	.....	3500	1400	...	...
Indian Point and Bay of Quinte.....	20	500	10	.....	3000	1200	...	...
Sophiasburg	2	120	12	.....	...	...	2	120
Zwick and Wigger Islands.....	5	300	30	.....	100	125	4	240
Point Ann	2	120	12	.....	...	...	2	120
Tyendenaga	6	330	36	.....	...	...	6	360
Belleville
Trenton
Shannonville
Mill Point
North Port
Totals.....	4	40	2400	12	64	2310	182	.....	12600	5125	22	2040
<i>Lennox, Addington and Frontenac Division.</i>												
Napanee River and Amherst Island	21	283	40	94	940	325	1	5
Inland Waters of Lennox and Addington	18	265	31	43	430	215	...	...
do Frontenac	52	628	96	55	1184	616	...	...
Totals.....	91	1176	167	192	2554	1156	1	5
<i>Wolfe Island and Kingston Division.</i>												
Pigeon Island and Batteau Channel	4	205	12	105	1050	420	...	...
Garden Island	1	36	2	...	...	...	...	...
Barrett and Reed's Bay	2	70	4	30	300	120	...	...
Button Bay	3	96	6	10	100	40	...	...
Big Bay	4	185	8	...	...	...	...	...
South side of Wolfe Island	2	80	4	15	150	60	...	...
Howe Island	4	50	5	...	...	...	...	...
Kingston, Storrington and Pittsburg	10	250	16	4	180	22	...	...
Totals.....	30	972	57	164	1780	662	...	...

Fishes, Nets, &c.—Ontario—Continued.

Fishes, &c.		KINDS, QUANTITIES AND PRICES OF FISH.											TOTAL VALUE.	
Kind.	Value.	Hoop Nets.	Whitefish, lbs.	Trout, lbs.	Herring, brls.	Eels, lbs.	Maskinonge, lbs.	Bass, lbs.	Pickarel, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, lbs.	Fish used for local consumption, lbs.	\$ cts.
13	78	30000	126000									24000		13,200 00
35	210	20000										20000		2,200 00
12	72	10000	125500								40000	30000		13,740 00
		12000	14000					5000	3600			50000		4,096 00
		13000			80			4400	8300	6800		19500	13000	3,517 00
		27000			74	350	11300	14000	7300			7300	16000	5,133 00
		13000			29	100	7000	14000	11000		300	26000		3,796 00
		34800			181	100	17700	17400	18400			27600	30600	8,467 00
												140000		4,200 00
												50000		1,500 00
												40000		1,200 00
												18000		540 00
												12000		360 00
												100000		3,000 00
*49	2450													
109	2810	159800	265500	364		550	45400	57300	43560	40300	564400	59600		64,949 00
53	1175	8400				1500		2500	44650	2100		7000		5,781 00
15	160	400		1200	13				1000			4800		397 00
7	98	6000		27220	140			400		2200		9600		3,779 60
75	1433	14800	28420	153	1500		2900	45650	4300			84400		9,957 60
			400	9400				300	400	400		1000		876 00
5	75											2000		60 00
5	75							200	200	300		2500		114 00
10	160							200	300	300	2300	2300		229 00
24	384										2400	7600		348 00
3	48							200	1000	200	200	500		107 00
23	320											10000		300 00
54	270	300	300	3300						600		100000		3,243 00
124	1332	700	9700		3300		900	1900	1800	4900	125900			5,277 00

* These 49 hoop nets were set within Overseer Wilkins' division.

RETURN of the Number and Value of Vessels,

STATION.	VESSELS AND BOATS EMPLOYED FISHING.						NETS, THEIR NUMBER						
	Vessels.			Boats.			Gill Nets.			Seines.			
	No.	Tonnage.	Value.	Men.	No.	Value.	Men.	No.	Rods.	Value.	No.	Rods.	Value.
			\$		\$					\$			\$
<i>Rideau Division.</i>													
Rideau Lakes.....	26	429	45	29	870	83							
Lower Rideau.....	2	20	5										
Smith's Falls.....													
Edmund's Rapids.....													
Kilmarnock.....													
Merrickville.....													
Burritt's Rapids.....													
Long Reach.....													
Totals.....	28	449	50	29	870	83							
<i>Prescott and Cornwall Division.....</i>													
<i>Carleton and Russell Counties Division.....</i>													
<i>Renfrew and Lanark Counties Division, including Madawaska and Bonnechère Rivers....</i>													
<i>Mississippi River and Lake Division.....</i>													
<i>Charleston and Gananoque Lakes Division.....</i>													
<i>Peterboro' and Victoria Counties Division.....</i>													
<i>Lake Simcoe Division.</i>													
<i>Scugog Lake and River.....</i>													
<i>Lakes Simcoe and Couchiching and Severn River..</i>													
<i>Muskoka Division.....</i>													

Boats, Nets, &c.—Ontario—Continued.

Size, Value, &c.					Kinds, Quantities and Prices of Fish.												Total Value.	
Pound Nets.			Hoop Nets.		Whitefish, lbs.	Trout, lbs.	Herring, barrels.	Eels, lbs.	Maskinonge, lbs.	Bass, lbs.	Pickarel, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, lbs.	Fish used for local consumption, lbs.			
No.	Rods.	Value.	No.	Value.														
		\$		\$												\$ cts.		
...	37	695	3200	1400	61	.....	.....	600	.....	3400	.....	26200	.....	1,665 00		
...	12	300	.....	.....	.....	.....	.....	1400	600	1800	.....	10000	.....	300 00		
...	1200	600	2000	.....	4400	.....	342 00		
...	800	800	2400	.....	3000	.....	298 00		
...	600	200	1000	.....	2400	.....	288 00		
...	1200	800	1200	.....	1200	.....	134 00		
...	800	1200	2000	.....	2400	.....	252 00		
...	1200	1000	2000	.....	2000	.....	340 00		
...	49	995	3200	1400	61	.....	800	7000	4000	13800	.....	51600	.....	3,619 00		
...	3000	5500	8000	6000	50000	60000	.....	5,590 00		
...	2000	5000	4500	7000	5500	12000	21000	.....	2,595 00		
...	2700	8000	.....	.....	5000	10000	8000	20000	10000	50000	.....	5,236 00		
...	6000	3400	27400	.....	22200	.....	2,600 00		
...	2000	.....	.....	.....	4400	.....	1500	.....	25000	.....	1,249 00		
...	10000	27000	70	.....	174400	120000	.....	.....	.....	30000	.....	21,874 00		
...	200000	80000	.....	.....	.....	100000	.....	19,800 00		
...	50000	65000	100	.....	5000	20000	.....	20000	10000	.....	.....	12,700 00		
...	18000	3500	90	.....	.....	1600	5200	.....	.....	.....	.....	2,578 00		

RECAPITULATION of the Number and Value of Vessels, Boats, Nets, &c.—Province of Ontario—Concluded.

KINDS, QUANTITIES AND VALUE OF FISH.															
STATION.	Whitefish, barrels.	Whitefish, lbs.	Trout, barrels.	Trout, lbs.	Herring, barrels.	Beils, lbs.	Maskinonge, lbs.	Bass, lbs.	Pickereil, lbs.	Pike, lbs.	Sturgeon, lbs.	Coarse Fish, lbs.	Fish used for local consumption, lbs.	\$	cts.
Lake Superior Division.....	1144	336150	2150	215500	10	.....	.....	.....	10800	.....	400	.....	.....	77,790	00
Manitoulin Division.....	250	1103992	312	1938194	.....	.....	.....	.....	522104	.....	234689	.....	150000	296,551	67
Georgian Bay.....	684	350132	938	1386520	449	.....	.....	200	73900	23320	2350	27480	7800	164,189	06
Lake Huron.....	701750	.....	508100	6592	.....	.....	7600	198430	500	135032	.....	504000	164,006	40
Lake St. Clair and Thames River.....	33800	.....	70400	725	.....	235	60460	136400	25490	320	237500	89200	34,878	20
Detroit River.....	71950	.....	.....	1200	.....	450	570	8800	7850	47000	143600	15000	20,025	70
Lake Erie.....	227803	.....	500	13755	.....	2900	54260	174597	13280	316020	653000	30000	137,899	66
Niagara and Lake Ontario.....	16900	.....	102070	6880	15500	135000	157562	70750	38555	44400	324770	59600	80,338	97
Prince Edward Co. and Bay of Quinté.....	159300	.....	265500	364	.....	550	45400	57300	43500	40300	564400	.....	64,949	00
Lennox, Addington and Frontenac.....	14800	.....	28420	153	1500	.....	2900	45650	4300	.....	84400	.....	9,957	60
Wolfe Island and Kingston.....	700	.....	9700	.....	3300	.....	900	1900	1800	4900	125900	.....	5,277	00
Rideau Division.....	3200	.....	1400	61	.....	800	7000	4000	13800	.....	51600	.....	3,619	00
Prescott and Cornwall.....	3000	5500	8000	6000	50000	60000	.....	5,590	00
Carleton and Russell.....	2000	5000	4500	7000	5500	12000	21000	.....	2,595	00
Renfrew and Lanark.....	2700	.....	8000	.....	.....	5000	10000	8000	20000	10000	50000	.....	5,236	00
Mississippi River and Lake.....	5000	6000	3400	27400	.....	22200	.....	2,600	00
Charleston and Gananoque.....	4400	.....	1500	.....	25000	.....	1,249	00
Peterboro' and Victoria Counties.....	10000	.....	27000	70	.....	174400	120000	.....	.....	.....	30000	.....	21,874	00
Lake Simcoe and River.....	50003	.....	65000	100	.....	200000	80000	.....	.....	.....	100000	.....	19,800	00
Lakes Simcoe and Couchiching.....	18000	.....	3500	90	.....	5000	20000	.....	20000	10000	.....	.....	12,700	00
Muskoka.....	1600	5200	.....	.....	.....	.....	2,578	00
Totals.....	2078	3101397	3400	4631814	30449	22300	532335	588852	1336231	252795	907381	2626850	855600	1,133,724	26

RECAPITULATION

OF the Yield and Value of the Fisheries in the Province of Ontario, during
the Year 1884.

Kinds o Fish.	Quantity.	Price.	Value.
		\$ cts.	\$ cts.
Herring Brls.	30,449	5 00	152,245 00
Whitefish..... "	2,078	10 00	20,780 00
do Lbs.	3,101,397	0 08	248,111 76
Trout Brls.	3,400	10 00	34,000 00
do Lbs.	4,631,814	0 08	370,545 12
Maskinongé..... "	532,335	0 06	31,940 10
Bass "	588,852	0 06	35,331 12
Pickrel..... "	1,336,231	0 06	80,173 86
Pike "	252,796	0 05	12,639 75
Sturgeon..... "	907,381	0 05	45,369 05
Eels..... "	22,300	0 05	1,115 00
Coarse fish..... "	2,526,850	0 03	75,805 50
Fish for home consumption, not included above..... "	865,600	0 03	25,668 00
Value for 1884.....			1,133,724 26
do 1883.....			1,027,032 88
Increase.....			106,691 38

SYNOPSIS OF FISHERY OVERSEERS' REPORTS IN THE PROVINCE OF ONTARIO, FOR THE YEAR 1884.

LAKE SUPERIOR DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1881.	1882.	1883.	1884.
Whitefish..... Brls.	859	1,448	1,467	1,144
do fresh..... Lbs.	359,144	123,972	342,400	336,150
Trout..... Brls.	988	1,698	1,610	2,150
do..... Lbs.		107,700	582,397	215,500
Pickarel..... Brls.	55	lbs. 40,000	lbs. 68,000	lbs. 10,800
Herring..... "				10
Sturgeon..... Lbs.				400
Coarse Fish..... "			brls. 50	
Fish used for local consumption..... Brls.	135	318½	" 1,000	
Total in lbs.....	764,400	lbs. 964,572	lbs. 1,948,197	lbs. 1,223,650
Value..... \$	25,116	56,215 76	116,533 76	77,790

NOTE.—The apparent falling off in this division is due to the fact that part of Overseer Wilson's returns are included in the Manitoulin Island Division.

Overseer James Dickson, who has charge of that portion of the coast of Lake Superior extending from Pigeon River to the Slate Islands, reports that, although eight stations were unfinished, the yield of the fisheries in his division is almost equal to that of last year. Several fishermen who left too early missed the last and best run of whitefish, which was unusually abundant, especially in Thunder Bay and in the neighbourhood of Port Arthur. Resident fishermen were highly successful, as whitefish remained on the ground until the 17th December, when the ice compelled them to quit fishing. Two pound nets were licensed, but only one was fished, with very poor results. A large percentage of the fish caught in this division was sold fresh to Canadian Pacific Railway contractors, or sent to United States markets; thus saving the cost of handling, pickling and barrelling.

Overseer Jos. Wilson, whose district extends from the Slate Islands, on Lake Superior, to Collin's Inlet, on Georgian Bay, reports a falling off in the yield of the fisheries of his division. Very few fish were caught after 1st November. Angling for speckled trout in Nepigon River was as good as ever. Pound net fishing met with very indifferent success. Overseer Wilson is strongly opposed to the indiscriminate use of pound nets. He says: "From all the information I could obtain, as well as from my own observations, I am of opinion that in using pound nets we will, in a few years, ruin our valuable fisheries, and I would most respectfully suggest that they be prohibited, except for the taking of pickerel, sturgeon and pike, and only in localities unfrequented by whitefish or salmon trout. Pound nets should be set at least five miles apart and the fee raised to \$50 per net. The clause of the Fisheries Act which fixes the size of gill nets at 5 inches, extension measure, should be strictly enforced."

MANITOULIN ISLAND DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1881.	1882.	1883.	1884.
Whitefish.....	Brls.	125			250
do	Lbs.	743,423	322,435	553,792	1,103,982
Trout.....	"		648,630	968,225	1,938,194
do	Brls.	2,000			312
Pickarel.....	Lbs.	30,000	529,466	317,489	522,104
Fish used for local consumption	"			45,000	
Sturgeon	"		56,000	91,200	234,659
Totals in lbs.....		1,198,400	1,550,531	1,975,706	3,911,319
Value	\$	1,198,400	111,953 16	147,620 70	296,551 67

NOTE.—The increase in this division is due to the addition of part of Overseer Wilson's returns, as explained above.

Overseer D. A. Cameron, who has charge of the fishing grounds around Manitoulin, St. Joseph, Cockburn and the Ducks' Islands, reports an increase in the catch of whitefish and salmon trout over 1883. This, he attributes to a more vigorous prosecution of gill net fishing. Pound net fishing was not so successful as last year, owing to stormy weather and contrary winds. A falling off is noticed in the yield of pickerel and sturgeon, which this Overseer ascribes to excessive fishing in previous years. The close-season was well observed.

GEORGIAN BAY DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries of this Division.

Kinds of Fish.		1882.	1883.	1884.
Whitefish.....	Brls.	744	395	684
do fresh.....	Lbs.	1,367,250	1,035,600	350,182
Trout.....	Brls.	1,575	2,330	938
do	Lbs.	278,000	1,351,400	1,386,520
Herring.....	Brls.	85	137	449
Bass	Lbs.	200		200
Pickarel.....	"	47,600	184,750	73,900
Pike	"	12,600	15,700	23,320
Sturgeon.....	"		26,800	2,350
Coarse Fish.....	Brls.	262	4,923	lbs. 27,480
Fish used for local consumption	"	620	800	" 7,800
Totals in lbs.....		2,362,850	3,343,650	2,285,952
Value	\$	162,261 00	253,997 00	164,189 06

Overseer Solomon James, whose division extends from Collin's Inlet to Parry Sound, on Georgian Bay, reports that, owing to very stormy weather, he was prevented from visiting his division before the fishermen had left, but that he is under the impression they gave returns of their catch to the neighboring Overseers, Messrs. F. M. G. Fraser and S. Frazer.

Overseer F. M. G. Fraser, whose division comprises the coast of Georgian Bay extending from Parry Sound to Victoria Harbour, states he experienced great difficulties in obtaining correct returns of the catch of each fisherman. He complains that, some boats are in the habit of throwing the offals of fish in the water on their way to harbours, and that this practice cannot fail but being very injurious to fishing. Two parties were fined \$50 each for throwing sawdust into Muskoka and Coldwater Rivers.

Overseer George R. Steele, who has charge of the inland waters of Parry Sound District, reports that, while the coarser kinds of fish seem to be on the increase, the finer grades are falling off. This state of things he attributes to the want of efficient fish-ways, so as to allow the passage of fish to their breeding grounds. Three parties were prosecuted and fined for illegal net fishing. Their nets were confiscated.

Overseer S. Frazer has charge of that part of the coast of Georgian Bay extending from Victoria Harbour to Allenwood, including the Penetanguishene Peninsula, Christian, Beckwith and Hope Islands. He also complains of the difficulty of obtaining reliable returns of the catch of fish, owing to the reluctance of dealers to supply information. He reports the fishing season as having been unusually stormy, and that several fishermen lost the greater part of their nets. During the beginning of the season, fish were scarce. The fishing grounds around Christian Island were reserved for the breeding of fish. No violations of the fishery laws were brought under this Overseer's notice.

Overseer Geo. S. Miller's division extends from Owen Sound to Cape Hurd. He sends no report, but his statistical returns show a fair increase in the catch of salmon trout and whitefish, whilst the yield of coarse fish does not appear to have been so large as in 1883.

LAKE HURON DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries of this Division.

Kinds of Fish.		1882.	1883.	1884.
Herring.....	Brls.	4,395	4,222	6,592
Whitefish.....	Lbs.	836,500	620,000	701,750
Trout.....	"	705,200	543,000	508,100
Bass.....	"	14,000	13,800	7,600
Pike.....	"	200	400	500
Pickarel.....	"	285,050	288,200	198,430
Sturgeon.....	"	64,700	59,200	135,032
Fish used for local consumption.....	"	.....	.....	504,000
Totals in lbs.....		lbs. 2,784,650	lbs. 2,369,000	lbs. 3,373,812
Value.....	\$	166,499	135,250	163,996 40

Overseer James Muir's division comprises that part of the coast of Lake Huron extending from Cape Hurd to Point Clark. He reports that, fishing operations were not so successful as they should have been, owing to the stormy weather which prevailed during the latter part of the season, destroying a large number of nets and

otherwise causing serious loss to fishermen. Although fish were scarce at the beginning of the season, they increased during the latter months. Seining at Sauble Beach was not so good as usual. Fishing was also poor around Whitefish and Burk's Islands. The close-season was well observed; the more so as it was too stormy during that period to attempt setting any nets.

Overseer A. C. McKinnon has charge of that part of the coast extending from Point Clark downwards to Kettle Point. He reports a decrease in the catch of fish as compared with the previous year. This he attributes to protracted stormy weather, and to a less vigorous prosecution of fishing, rather than to any scarcity of fish. The demand for fresh fish is steadily increasing in United States as well as in home markets; better prices are obtained, and the cost of handling and pickling is thus saved. Mostly all fishermen now understand the importance of maintaining their business, and realize that it is in their interest to protect the fish during their spawning seasons. No violation of the law came under this Overseer's notice.

Overseer David McMaster attends to the St. Clair River. He reports a great falling off in whitefish and salmon trout; in fact, the quantity caught was a mere trifle as compared to that of previous years. Pickerel also shows a decrease, but this is explained by the fact that, owing to the early breaking up of the ice, the first run of fish went up before the end of the close-season. The catch of herring and sturgeon are largely in excess of that of 1883. The price of pickled herring was, unfortunately, low. The large catch of sturgeon is worthy of notice. Some years ago these fish were considered as worthless, and even deemed a nuisance. They are now reckoned amongst the most valuable kinds of fish frequenting the waters of Ontario. When sold round, fishermen easily obtain 60 cents per fish. When dressed, nothing is lost: the flesh sells at 4 or 5 cents a pound; the prepared eggs, or caviare, fetch 10 cents a pound; bladders 5 cents each. Valuable oil is also extracted from the offals, and the skin is now used for mill-belt laces. Experiments have shown that a set of sturgeon leather laces will last as long as the belt itself. Alleged reports of illegal fishing for whitefish during the close season proved, upon enquiry, to be totally groundless.

Overseer Hugh McFayden reports trout plentiful on the Saugeen River, where they fetch good prices. Two millowners were fined for allowing sawdust to escape from their mills. The close-season was well observed.

LAKE ST. CLAIR AND THAMES RIVER DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1882.	1883.	1884.
Whitefish.....	Lbs.	16,600	20,200	33,800
Trout.....	"	29,600	57,000	70,400
Herring.....	brls.	291	462	725
Maskinongé.....	Lbs.	400	600	235
Bass.....	"	85,400	85,800	60,460
Pike.....	"	12,200	50,200	25,490
Pickerel.....	"	141,400	88,800	136,400
Sturgeon.....	"	600	200	320
Coarse Fish.....	brls.	1,568	1,084	Lbs. 237,500
Fish used for local consumption.....	"		374	" 89,200
Totals in lbs.....		657,000	686,800	798,805
Value.....		\$ 25,695	27,334	34,878

Overseer T. McQueen, at the mouth of the Thames River, reports twenty-one grounds as fished in his division during the season, employing 168 persons. Owing to an early spring the catch greatly exceeds that of 1883. No violations of the law came under this officer's notice.

Overseer Angus Brady, who attends to the middle portion of the Thames River, reports a considerable increase over last year's catch, notwithstanding the fact that spring freshets interfered with fishermen's operations during the best run of fish. Prices also ruled higher than usual. The close season was well observed. This officer destroyed two dip-nets which he found set during the close time.

Overseer Peter McCann, who has charge of the upper division of the Thames River, states that pickerel fishing was fair; coarse fish were also more abundant than during the previous year. The catch of bass was short. Extensive illegal fishing was indulged in during the spring months. Thirteen offenders were brought before the magistrate, and were all fined, with the exception of one. All the fish-ways in his district are reported to be in good repair; another one will be built soon.

DETROIT RIVER DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.		1882.	1883.	1884.
Whitefish.....	Lbs.	75,000	62,500	71,950
Herring.....	Brls.	104	405	1,200
Maskinongé.....	Lbs.	600	720	450
Bass.....	"	.....	4,050	570
Pike.....	"	200	1,000	7,850
Pickrel.....	"	18,000	22,200	8,800
Sturgeon.....	"	14,200	12,800	47,000
Coarse Fish.....	"	43,000	62,000	149,600
Fish used for local consumption.....	"	.....	.....	15,000
Totals in lbs.....		171,800	245,920	541,220
Value..... \$		9,216	11,573 20	20,025 70

Overseer E. Boismier, who has charge of the Detroit River, reports the catch of whitefish as being better than that of last year. The yield of herring and sturgeon was also more than double. Pickerel shows a falling off. It is feared that the supply of these fish will not stand the heavy drain made on them by the numerous pound nets set on the United States side of Lake St. Clair and Detroit River. Mr. Boismier recommends adopting a minimum mesh of 4 inches in the "pot" for pound nets.

POINT PELÉE DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.	1884.
Herring..... Brls.	5,650	7,940	9,118
Whitefish..... Lbs.	109,375	48,244	30,842
Bass..... "	33,725	24,840	29,000
Pickarel..... "	24,138	34,214	30,000
Sturgeon..... "	27,670	69,130	47,800
Coarse Fish..... "			7,400
Totals in lbs.....	1,322,908	1,764,428	1,968,642
Value..... \$	41,805 28	50,559 26	54,209 38

Overseer Wm. Prosser, whose divisions extends from the mouth of Detroit River to the county line of Kent, reports a further falling off in the catch of whitefish as compared with that of 1883, which was considered a poor year. Pickerel and sturgeon also show a decrease, but the good catch of herring and bass makes up for the deficiency, and the total value exceeds that of the previous season.

PELÉE ISLAND.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.	1884.
Whitefish..... Lbs.	95,970	62,884	45,561
Herring..... Brls.	1,170	1,437	634
Pickarel..... Lbs.			22,483
Sturgeon..... "	60,000	18,200	166,600
Coarse Fish..... "	33,400	65,200	9,800
Totals in lbs.....	423,370	433,684	371,244
Value..... \$	17,195 60	14,429 72	16,787 86

Overseer James Cummins, who has charge of Pelée Island, in Lake Erie, reports a large catch of pickerel and sturgeon. Whitefish and herring were scarce.

LAKE ERIE DIVISION.

COMPARATIVE Statement of the Yield and Value of the Fisheries in this Division.

Kinds of Fish..	1882.	1883.	1884.
Whitefish..... Lbs.	78,888	110,500	151,400
Herring..... Brls.	3,061	1,684	4,003
Maskinongé..... Lbs.	1,200	2,800	2,900
Bass..... "	48,600	86,600	25,260
Pike..... "	25,300	30,800	13,280
Pickrel..... "	234,700	154,200	122,114
Sturgeon..... "	68,200	135,200	101,620
Coarse Fish..... brls.	2,378	3,316	635,800
Trout..... "			500
Fish used for local consumption..... "			30,000
Totals in lbs.....	lbs. 1,543,800	lbs. 1,520,100	lbs. 1,882,974
Value..... \$	52,802 00	53,440 00	66,902 44

Overseer J. McMichael's division comprises the Lake Erie frontage of the County of Kent. He reports an increase in the yield of fish, and attributes it to the fact that a greater number of men were engaged in this industry. Several pound nets were destroyed by the storms which raged towards the end of the fishing season. The close season was well observed.

Overseer Alex. McBride, who has charge of that part of the coast of Lake Erie fronting on the County of Elgin, reports that the yield of fish in his division is in excess of that of last year. No violations of the law came under his notice.

Overseer David Sharp, whose division comprises that part of the coast of Lake Erie fronting on County of Norfolk, made no report, but his tabular statements show the yield to be about the same as last year.

Overseer McCrae, who has charge of the Grand River and of the waters of Lake Erie, near its mouth, reports a falling off in the quantity of fish caught. Owing to a late breaking up of the ice in the river, there was hardly any seining done before the close-season. Anglers enjoyed good sport below the dam at Dunnville, but fish were scarce above the dam. This confirms the opinion that the fish-way at that point is either defective or badly located. The attention of the Department of Public Works has been called to the matter.

NIAGARA RIVER AND LAKE ONTARIO DIVISIONS.

COMPARATIVE Statement of the yield and value of the Fisheries in these Divisions.

Kinds of Fish.	1882.	1883.	1884.
Whitefish Lbs.	69,100	34,100	16,600
Trout "	110,300	113,060	102,080
Herring Brls.	1,212	2,116	6,880
Maskinongé Lbs.	100,000	190,000	135,000
Bass "	193,200	182,000	157,562
Pickarel "	68,300	69,200	70,750
Pike "	35,800	70,600	38,555
Eels "			15,500
Sturgeon "	103,800	69,600	44,440
Coarse Fish Brls.	1,878	1,698	lbs. 324,770
Totals in lbs.....	1,298,500	1,491,300	2,281,217
Value \$	56,594	62,622	80,358 97

Overseer J. W. Kerr, whose large district extends from the mouth of Grand River, on Lake Erie, to Whitby Harbour, on Lake Ontario, including the Niagara River, reports that last season's fishing was, on the whole, satisfactory. The catch of herring largely exceeded that of the previous year; the fish being most plentiful between Bronté and Queenston. Whitefish yielded less than in 1883, which was considered a poor year. The catch of this fish was, in fact, so trifling, that it is doubtful whether fishermen will again risk material and capital in its pursuit. Salmon trout are also on the decrease. Sturgeon fishermen on the Niagara River were very successful. Coarse fish are getting to be in good demand, and prove remunerative to farmers, who catch them during the spring freshets. Angling and trolling, specially in Burlington Bay and Niagara River, were very good.

Overseer Chs. Gilchrist reports a complete failure in the catch of whitefish in that part of Lake Ontario fronting on the County of Northumberland, which he is unable to account for. The yield of salmon trout was fair. More coarse fish were caught than during the year 1883. In Rice Lake and tributary streams, angling was better than for many years past. Fewer American sportsmen visited Rice Lake last season, owing, undoubtedly, to the excitement of the Presidential election. About 600 angling permits were issued—forty-four to United States citizens; the balance to settlers and Indians.

PRINCE EDWARD AND BAY OF QUINTÉ DIVISIONS.

COMPARATIVE Statement of the yield and value of Fisheries in these Divisions.

Kinds of Fish.	1882.	1883.	1884.
Whitefish..... Lbs.	223,000	62,200	159,800
Trout..... "	120,000	183,000	265,500
Herring..... Brls.	610	341	364
Maskinongé..... Lbs.	2,200	.....	550
Bass..... "	32,200	23,800	45,400
Pike..... "	40,600	175,400	43,500
Pickrel..... "	64,400	76,200	57,300
Sturgeon..... "	1,800	.....	40,300
Coarse Fish..... Brls.	982	964	lbs. 564,400
Fish used for local consumption..... Lbs.	.....	.....	59,600
Totals in lbs.....	lbs. 802,600	lbs. 781,600	lbs. 1,309,150
Value..... \$	42,466	62,507	64,949

Overseer C. Wilkins states that the yield of fish in Bay of Quinté largely exceeded that of any previous five years. The increase in the catch of whitefish and salmon trout was especially noticeable, and is undoubtedly due to the removal of nets from the upper gap; thus allowing the fish a free and uninterrupted passage from Lake Ontario to the Bay of Quinté. There are fifteen fish-ways in this division, which are said to be in good condition.

Overseer J. Redmond, of the County of Prince Edward, reports a slight falling off in the catch of whitefish and salmon trout, which he attributes to excessive netting in previous years, and to the millions of worthless small fish which infest these waters. Sturgeon were plentiful, and a good catch was made. The close-season was generally well kept.

LENNOX, ADDINGTON AND FRONTENAC DIVISIONS.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.	1884.
Whitefish..... Lbs.	15,534	34,400	14,800
Trout..... "	9,422	15,100	28,400
Maskinongé..... "	30	.....	.....
Bass..... "	74	200	2,900
Pike..... "	34,000	18,000	4,300
Pickrel..... "	2,230	20,350	45,650
Eels..... "	.....	.....	1,500
Herring..... Brls.	307	207	153
Coarse Fish..... "	1,175	350	lbs. 84,400
Totals in lbs.....	422,158	200,250	212,550
Value..... \$	10,100 72	8,568 00	9,957 60

Overseer A. D. Sills, who has charge of the lake shore and inland waters of the County of Lennox and Addington, reports fish as being more plentiful in his division than for the last ten years. He ascribes this satisfactory result to a close observance of the fishery laws and regulations.

Overseer J. A. Cameron, of Westport, reports a good increase in the catch of whitefish and a decrease in that of trout. Coarse fish yielded about the same as last year, although farmers only fish for them after their spring work is over. He seized a set of hoop-nets in Birch Lake. With this exception, no breach of the law came under his notice.

Overseer R. Gilbert has charge of the inland waters of the Townships of Palmerston, Clarendon, North and South Canonto and Miller, in the County of Frontenac. He reports a considerable increase in the catch of fish in his division, which he attributes to the fact that the number of settlers is increasing. Attempts at spearing were made by hunters camped near the lakes, but being closely watched they did not succeed in violating the law. Most of the trout in this division had done spawning before 1st November.

Overseer H. R. Purcell has charge of the waters in the Townships of Camden, Portland, Loughboro', Sheffield and Kennebec, County of Addington. He reports an increased catch of fish. There are some beautiful lakes in this district, well stocked with salmon trout, whitefish, pickerel, &c. The close-seasons are said to have been well observed.

WOLFE ISLAND AND KINGSTON DIVISIONS.

COMPARATIVE Statement of the yield and value of the Fisheries in these Divisions.

Kinds of Fish.		1882.	1883.	1884.
Whitefish	Lbs.	600	2,400	700
Trout	"	20,000	21,000	9,700
Bass	"	19,800	11,800	900
Pickarel	"	9,400	3,000	1,900
Eels	"			3,300
Pike	"			1,800
Sturgeon	"	200	3,600	4,900
Coarse Fish	Brls.	468	370	
Fish used for local consumption	"		58	lbs. 125,900
Totals in lbs.		143,000	127,400	144,000
Value.....	\$	5,148 00	4,614 00	5,277 00

Overseer Thos. Merritt, of Kingston, reports that since the prohibition of gill nets, the increase in the finer grades of fish is noticeable in the waters of the Bay of Quinté. This is also true of the lakes in rear of Kingston. Large catches of Black Bass are reported on the grounds reserved for angling in the neighborhood of Kingston. This increase may also be attributed to the disappearance of coarse fish, which used to feed on the ova of bass, pickerel, &c., &c. Several nets found in the reserved waters were taken up and destroyed.

Overseer P. Kiel, who has charge of the waters around Wolfe Island, issued fourteen licenses, mostly to farmers, who fish only when their labor is not required elsewhere. The home market is supplied from Georgian Bay. Salmon trout seemed plentiful, especially around Pigeon Island. No fishing was carried on at Charity Shoals, which is considered one of the best fishing grounds of Lake Ontario, nor at

Horse Shoe Island and at the head of Wolfe Island, owing to boisterous weather during the month of October. The close-season was well observed.

Overseers J. Cox, of Amherst Island, and N. Acton, of Gananoque, made no reports.

RIDEAU DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.	1884.
Whitefish..... Lbs.	11,000	2,800	3,200
Trout..... "	3,400	1,600	1,400
Herring..... Brls.	74	73	61
Maskinongé..... Lbs.	1,000	1,000	800
Bass..... "	9,050	12,200	7,000
Pike..... "	18,650	15,400	13,800
Pickereel..... "	3,800	4,200	4,000
Coarse Fish..... Brls.	424	317	lbs. 51,600
Totals in lbs.	146,500	115,200	94,000
Value \$	4,981 50	3,799 00	3,619 00

Overseer Geo. Jeacle reports that the catch of coarse fish during the spring months was poor, owing to the ice remaining so late. The fall catch was larger and of a better quality. Two fish-ways were built in the mill dams at Westport. The laws relative to sawdust and mill rubbish were well observed.

Overseer A. E. Mills reports that while the finer grades of fish in his division yielded about the same as in the previous years, the coarser kinds show a falling off, owing, undoubtedly, to the high state of the water on the spawning grounds. The Rideau is too small to allow of any gill net fishing being carried on; most of the fishing is therefore done by angling and trolling. This Overseer expected much trouble during the close-season, but the sending of a couple of Dominion policemen had the desired effect.

PRESCOTT AND CORNWALL DIVISIONS.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.	1884.
Maskinongé..... Lbs.	2,200	2,500	3,000
Bass..... "	5,500	5,000	5,500
Pike..... "	5,300	6,000	6,000
Pickereel..... "	4,800	5,200	8,000
Sturgeon..... "	50,000	48,000	50,000
Coarse Fish..... Brls.	312	325	lbs. 60,000
Totals in lbs.	130,200	131,700	132,500
Value..... \$	4,763 00	4,762 00	5,590 00

CARLETON AND RUSSELL COUNTIES DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1883.	1884.
Maskinongé..... Lbs.	5,000	5,000
Bass..... "	5,000	4,500
Pickrel..... "	6,000	7,000
Pike..... "	6,000	5,500
Sturgeon..... "	10,000	12,000
Eels..... "	2,000	2,000
Coarse Fish..... "	20,000	21,000
Totals in lbs.....	52,000	57,000
Value..... \$	2,160 00	2,595 00

COUNTY OF RENFREW AND LANARK DIVISIONS.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.	1884.
Whitefish..... Lbs.	4,200	5,700	2,700
Trout..... "	14,400	10,600	8,000
Maskinongé..... "	9,000	10,400	5,000
Bass..... "	6,200	12,400	10,000
Pike..... "	21,900	23,300	20,000
Pickrel..... "	8,400	10,000	8,000
Sturgeon..... "	2,800	11,400	10,000
Coarse Fish..... "	31,400	45,000	50,000
Totals in lbs.....	98,300	128,200	113,700
Value..... \$	4,767 00	5,859 00	5,236 00

MISSISSIPPI RIVER AND LAKE DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.	1884.
Bass..... Lbs.	5,000	4,400	6,000
Pike..... "	33,000	26,800	27,400
Pickrel..... "	400	1,800	3,400
Coarse Fish..... "	41,200	18,400	22,200
Totals in lbs.....	59,600	51,200	59,000
Value..... \$	2,398 00	2,080 00	2,600 00

CHARLESTON AND GANANOQUE LAKES DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.	1884.
Trout..... Lbs.	2,000	1,800	2,000
Bass..... "	4,000	3,400	4,400
Pickrel..... "		1,200	
Pike..... "	1,000		1,500
Coarse Fish..... "	20,000	25,000	25,000
Totals in lbs.....	29,000	31,400	32,900
Value..... \$	890 00	908 00	1,249 00

PETERBOROUGH AND VICTORIA DIVISIONS.

COMPARATIVE Statement of the yield and value of the Fisheries in these Divisions.

Kinds of Fish.	1882.	1883.	1884.
Whitefish..... Lbs.	8,000	5,000	10,000
Trout..... "	25,000	21,000	27,000
Herring..... Brls.	180	225	70
Maskinongé..... Lbs.	133,400	168,400	174,400
Bass..... "	109,200	127,600	120,000
Pickrel..... "		2,000	
Coarse Fish..... Brls.	305	255	lbs. 30,000
Totals in lbs.....	372,600	420,000	372,400
Value..... \$	19,316 00	22,105 00	21,874 00

LAKE SCUGOG DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.	1884.
Whitefish..... Lbs.	58,400	51,200	50,000
Trout..... "	60,300	69,100	65,000
Herring..... Brls.	72	82	100
Maskinongé..... Lbs.	6,000	240,000	205,000
Bass..... "	34,600	93,700	100,000
Sturgeon..... "	2,000	4,000	10,000
Pike..... "		24,000	20,000
Coarse Fish..... "		80,000	100,000
Totals in lbs.....	175,700	578,400	570,000
Value..... \$	12,192 00	33,056 00	32,500 00

Overseer Geo. B. McDermot, who has charge of Lake Scugog and tributary streams, reports a slight increase over the catch of last season. Five poachers were prosecuted for spearing. This will undoubtedly have a good effect on others. Shooting maskinonge in shallow water is a new kind of poaching which this officer has to contend with. It is urged that the enormous quantity of water used by the mills at Lindsay seriously interferes with the increase of fish in Lake Scugog.

LAKE SIMCOE DIVISION.

Overseers L. S. Saunders, of Barrie, and *Wm. Hastings*, of Roache's Point, report that since the lake was set apart, the fish have become more plentiful. No new licenses were issued, and it is a difficult thing to ascertain the catch with hook-and-line fishing. Mr. Saunders issued 549 angling permits and Mr. Hastings issued 908.

Overseer R. G. Dalton made no report.

Overseer Wm. McDermot, who has charge of the inland waters of the County of Simcoe, reports signs of improvement in the yield of fish. The quantity caught for home consumption was larger than the year before. Illegal fishing has been almost stopped. Several mill owners were fined for throwing sawdust into the stream. The close-seasons were much better observed than formerly.

MUSKOKA DIVISION.

COMPARATIVE Statement of the yield and value of the Fisheries in this Division.

Kinds of Fish.	1882.	1883.	1884.
Whitefish Lbs.	23,000	20,800	18,000
Trout "	4,600	3,537	3,500
Herring Brls.	90	83	9
Bass Lbs.	1,400	2,418	1,600
Pickarel "	1,600	12,470	5,200
Totals in lbs.	48,600	55,825	46,300
Value \$	4,458	3,255 24	2,570

Overseer W. E. Foot, who has charge of the inland waters of the Muskoka District, reports fish as plentiful as ever. No violation of the fishery laws came to his notice.

Overseer C. Roper, who has charge of Muskoka River and Mary Lake, states that fishing during the past year was satisfactory. The close-season was well observed. This officer apprehends that the attempts made to stock the lakes in his district with pickarel will not be a success, and he recommends to try it again on a larger scale.

No. 9.

MANITOBA.

WINNIPEG, MAN., 4th March, 1885.

HON. A. W. McLEAN,
Minister of Marine and Fisheries.

SIR,—In your letter of the 28th November, 1884, in which you conveyed to me general instructions as to the duties of my office, you requested me to prepare, at as early a date as possible, a general report on the fisheries of this Province.

It may appear that some delay has taken place in my complying with your directions in this respect, but as the subject is a wide one, I have considered it best to make a thorough investigation before reporting to you.

I have therefore occupied my time in utilizing every available source of information and, as previously reported to you, have made one trip on Lake Winnipeg as far north as Beren's River. As a result of my inquiries, I have now the honor to report as follows:

1. As to the varieties of fish in the Province with the localities in which they are found.

Whitefish (*coregonus albus*) frequent the great lakes of the Province, seeks the shallows and spawns in the latter part of September and during October.

Lake sturgeon (*acipenser rubicundus*) frequents Lake Winnipeg—I am not personally aware of any other lake in which it is caught in the Province, though it is said to be obtained in Lake Winnipegosis, in which case it must also frequent Lake Manitoba.

Wall-eyed pike or (*doré*) pickerel. This most excellent fish, considered equal in quality to whitefish, frequents shoaler portions of the great lakes, and in August and September runs up the rivers to seek spawning grounds—spawns in the latter part of September and during October.

Moon-eye (*hyodon tergisus*). This excellent fish, very similar in shape and some distinctive marks to the black bass, is said to have been only seen in our waters during the past two years. In 1884 they were caught and marketed in considerable numbers and sold as black bass. They were chiefly taken in the Red River, south of its junction with the Assiniboine. A gentleman who has paid considerable attention to the matter gives it as his opinion that these fish have gradually found their way from the upper Red River, which some years ago was largely stocked with fish by the authorities of the State of Minnesota.

Lake trout (*salmo fontinalis*). This fish has its habitat in the lakes east of Red River, in the Laurentian formation. It is at its best when taken where the water is at a low temperature. It seeks the shallows and spawns in October.

Catfish (*siluridae*). This fish is valuable for food when the waters are cold. It frequents the lakes and rivers through the Province.

Pike or jackfish (*esox lucius*) frequents nearly all the streams and lakes in the Province. Is a fair table fish, though somewhat rank; very destructive to other fish, specially to the whitefish and pickerel.

Gold-eye (*hyodon chrysopsis*). This fish is held by some to belong to the bass, and by others to the perch species. It is a favorite fish for the pan, and at some seasons, specially in the spring, is flaky and good. It comes into considerable consumption, and must be classed as important for food. The various other species of fish found in

the Province, such as the carps, suckers, &c., though marketed, can hardly be said to be important food fishes.

2. Varieties caught, at what seasons and by what means.

The first portion of this heading has been dealt with under the previous heading, that so far scarcely any attention has been paid to the restrictions as to seasons and the fish have been caught as much during their spawning seasons as out of them and by all possible means, regardless of the nature of the apparatus.

3. The amount caught for home consumption, with the average market price.

It is impossible at present to give any estimate of the quantity. The average retail prices in Winnipeg during 1884 were, for whitefish, 8 cents per pound; sturgeon, 10 cents per pound; pike, 3 cents per pound.

4. Quantity exported in 1883 and 1884:—

	1883.		1884.	
	Quantity.	Value.	Quantity.	Value.
Whitefish.....	72,867 lbs.	\$3,041	359,000 lbs.	\$14,036
Pike.....	51,850 "	1,031	561,833 "	13,855
Pickarel.....	2,400 "	480	.....	.....
	127,117 "	\$4,582	920,833 "	\$27,894

RECOMMENDATIONS AND SUGGESTIONS.

Sturgeon.—At present there is no close season for this important fish. I would respectfully recommend that the months of May and June be established as the close season.

Whitefish.—The close season now is from 20th October to 1st November. This should be extended to from October 1st to 31st October, at the very least. On this point, I would refer to a letter addressed to the Hon. the Minister of Fisheries, by Indian Sub-Agent Quinn, of Indian Lake, Frog Lake, North-West Territory, under date of 28th November, 1884, and which was referred by you to me.

Pike.—It is not desirable that any close season be established, as the more of this piratical fish that are taken the better.

Export.—I would strongly urge that the exportation of all fish, other than pike and catfish, be prohibited, at least for a few years, for the following reasons:—If exportation is permitted to continue, and the figures I have given show the dimensions this trade has already attained, the fish in the Province will soon become depleted in number as in the smaller lakes of the United States. The people of the central and north-western States have now to rely entirely, for their great consumption, on Lakes Superior and Michigan, within their own territory, and on an extraneous supply, such as that which is now being sent from this Province. Our supply, at amply remunerative prices, will be consumed by domestic requirements. A supply to foreign markets, from our by no means inexhaustible lakes, would, in a few years, so deplete them, that a great source of food supply for our present inhabitants and in-coming settlers would be practically destroyed. The importance of the fisheries, as a source for food supply for the Indian population, can hardly be anticipated. Already grave complaints have been made by many Indian agents in consequence of the threatened exhaustion of the fisheries, and I would especially refer you to the following letters on this subject, on file in your Department, viz.:—From the Deputy Superintendent-General of Indian Affairs, dated 13th November, 1884, and from Indian Agent Hourigan, of Rat Portage, dated December 9th, 1884.

INDIAN RESERVES.

Several agents of the Indian Department have urged on me the importance of fishing reserves for exclusive Indian use, being set apart. I am strongly convinced of the importance of this question, and would urge that their suggestions be acted on.

LICENSESES.

I understand that a large number of applications are on file in the Department of fishery licenses. It appears to me most necessary that some policy should be decided on, in this matter, as soon as practicable, so that definite limits may be set apart and a revenue derived.

FISH-WAYS.

None are provided in the mill dams on the various streams. Under date of 4th November, 1884, the Superintendent-General of Indian Affairs called your attention to the fact that owing to the absence of a fish-way at Birtle, on the Bird Creek, fish were altogether kept from ascending that stream. I have ascertained at this is the fact, and so reported to you on 16th December, 1884.

By the circular respecting the construction of fish-ways, sent me by you, under date of 20th January, 1885, I observe that I have no power to order the construction of fish-ways, but am required to make a specific report to the Department in each case. I have already been informed of the existence of a number of obstructions in various parts of the Province, and in order to carry out the intention of the circular referred to, I shall require to visit each stream. I beg to ask for instructions as to proceeding on such a general inspection.

SAWDUST AND MILL RUBBISH.

The provisions in this respect having been almost entirely ignored, I addressed you specially on this subject, 16th December, 1884, and having received the posters sent to me, have distributed a portion of them to the owners of saw mills throughout the Province.

As the fishery regulations are scarcely known to the public here, I would suggest that a synopsis of them be advertised.

I have the honour to be, Sir,

Your obedient servant,

ALEX. McQUEEN,

Inspector of Fisheries.

APPENDIX No. 10.

REPORT OF COMMANDER ANDREW R. GORDON ON THE FISHERIES OF HUDSON'S BAY.

TORONTO, 24th October, 1884.

To the Honorable

A. W. McLELAN,

Minister of Marine and Fisheries.

SIR,—I have the honor to report in reference to the fisheries of Hudson's Bay and Strait:

1. That the economic mammals and fish of those waters consist of whales, white whales (porpoise), walrus, narwhals, seals, salmon, trout, cod and a variety of small fish.

2. That the only fishing industries developed thus far, are the whale fishery by the Americans, and the porpoise, walrus, salmon and trout fisheries of the Hudson's Bay Company.

3. The chief whaling ground frequented, is the Row's Welcome, a vast basin in the northern portion of Hudson's Bay. Here the American whalers, chiefly from Massachusetts and Connecticut, have been conducting a very profitable fishery for more than a quarter of a century, and are still in active operation. I estimate that within the period mentioned, they have secured and exported from these waters, oil and bone to the value of over one million (\$1,000,000) dollars. This estimate is based upon ten whales a year for twenty-five years, counting each whale at four thousand (\$4,000) dollars, which is within the mark. The wintering quarters of these whalers is at Marble Island, on the north-western coast of Hudson's Bay. The whaling ships generally leave Massachusetts or Connecticut in July, and reach the island some time in September, and saw out of the ice in June of the following spring. They then press northward as far as the moving ice will permit, until the Welcome is reached, where they fish till the first of September, and then sail for home with their ships well loaded with blubber and bone. One or two whaling vessels winter at Marble Island every year; sometimes more. Although this industry is, as yet comparatively small, I am persuaded, that from the large profits realised by those engaged in it, from the ample opportunities for its extension, and from the increased attention which is now being directed to the resources of the Hudson's Bay region a much larger number of vessels will, undoubtedly, be drawn into it at an early day. I am satisfied that there are large numbers of whales in these waters, from the fact that we met with them continually during the cruise of the "Neptune," and because so far as I can learn, those engaged in the catch have never yet been compelled to return home without a fair cargo. The bark George and Mary (Capt. Fisher), of Connecticut, wintered at the island last season, sawed out of ice on the seventh of June of this year and succeeded in taking three whales in the open waters of the Bay before reaching the Welcome. Considering that five or six of the mammals would complete her cargo, it is easy to see that this fishery is by no means falling off.

4. Of the fisheries carried on by the Hudson's Bay Company, that of the white whale is most extensive. The blubber of these mammals weigh from 200 to 400 pounds each, and is very rich in the finest of oil. Each porpoise is worth about \$100. Last year the company secured nearly 200 in one tide, at Churchill, and a much larger number at Ungava Bay. They have established extensive refineries at several of their northern stations; and, instead of exporting the blubber in bulk, as formerly, they refine it, shipping the pure oil in casks. The porpoise are not shot or

harpooned, as is the case with the walrus and black whale, but are grounded on the flats, in coves, where the tide rises 15 or 20 feet, or more; and where, by means of trap-nets, they are held in check until the water recedes, leaving them high and dry on the rocks and sand. The process is very simple and inexpensive. The company also carries on a walrus fishery, sending two sloops annually from Churchill to two very productive walrus fishing grounds north of Marble Island, where they have never failed to secure as much blubber, ivory and hides as their vessels will carry. They took between 20 and 30 of these animals the present season, which were valued in the aggregate, to over \$7,000. I was furnished with an estimate of the value of the oil secured in, and exported from the Hudson's Bay region last year by the company and the American whalers, which, although I had no means of verifying, is probably much within the mark. It places the value of the export at \$150,000, or \$1,500,000, for the past ten years. I am satisfied that the walrus and porpoise fisheries may be developed to almost any extent; and, as increased attention is sure now to be attracted to this industry, we may rely upon its almost immediate extension. We met with walrus in great numbers at the western end of the strait. In one afternoon, while steaming from Cape Degges to Nottingham Island, we passed between 50 and 100 of them on the ice.

5. The company are also engaged at several points, particularly at Ungava, in the salmon and trout fisheries. These excellent fish abound in vast quantities in nearly all the streams, and are generally most plentiful at certain seasons, just above and near to the head of the tide where the salt and fresh waters mingle. From what I could learn of this industry, I concluded that it is but the beginning of what will, in the near future, become a very extensive and profitable business.

6. As yet cod have not been found in the waters of Hudson's Bay on the western portion of the strait, but they are very plentiful in all the coves and inlets on the eastern shore of Ungava Bay.

7. In conclusion, I have the honor to urge, that, in any negotiations concerning your Department with the United States Government, relative to a treaty of reciprocal trade, due allowance should be made for the great value of the fisheries of the Hudson's Bay region. If the Americans are to be permitted to continue in those waters, arrangements should be made by which Canada would receive substantial return for the privilege. I would further suggest that, unless a very large consideration is granted for the right, the Canadian Government should reserve the authority to license the ships and make and enforce such regulations, in regard to the methods of fishing, as will prevent the extermination of whales from our northern waters. I have only to call your attention, in support of this recommendation, to the fact that ten years ago there was a Canadian whaling fleet of over seven sail at Gaspé, annually reaping large returns. But when the Americans came into those waters with explosive bombs and other terrifying and destructive methods for securing whales, these animals were, in a very short time, completely driven out and this industry destroyed.

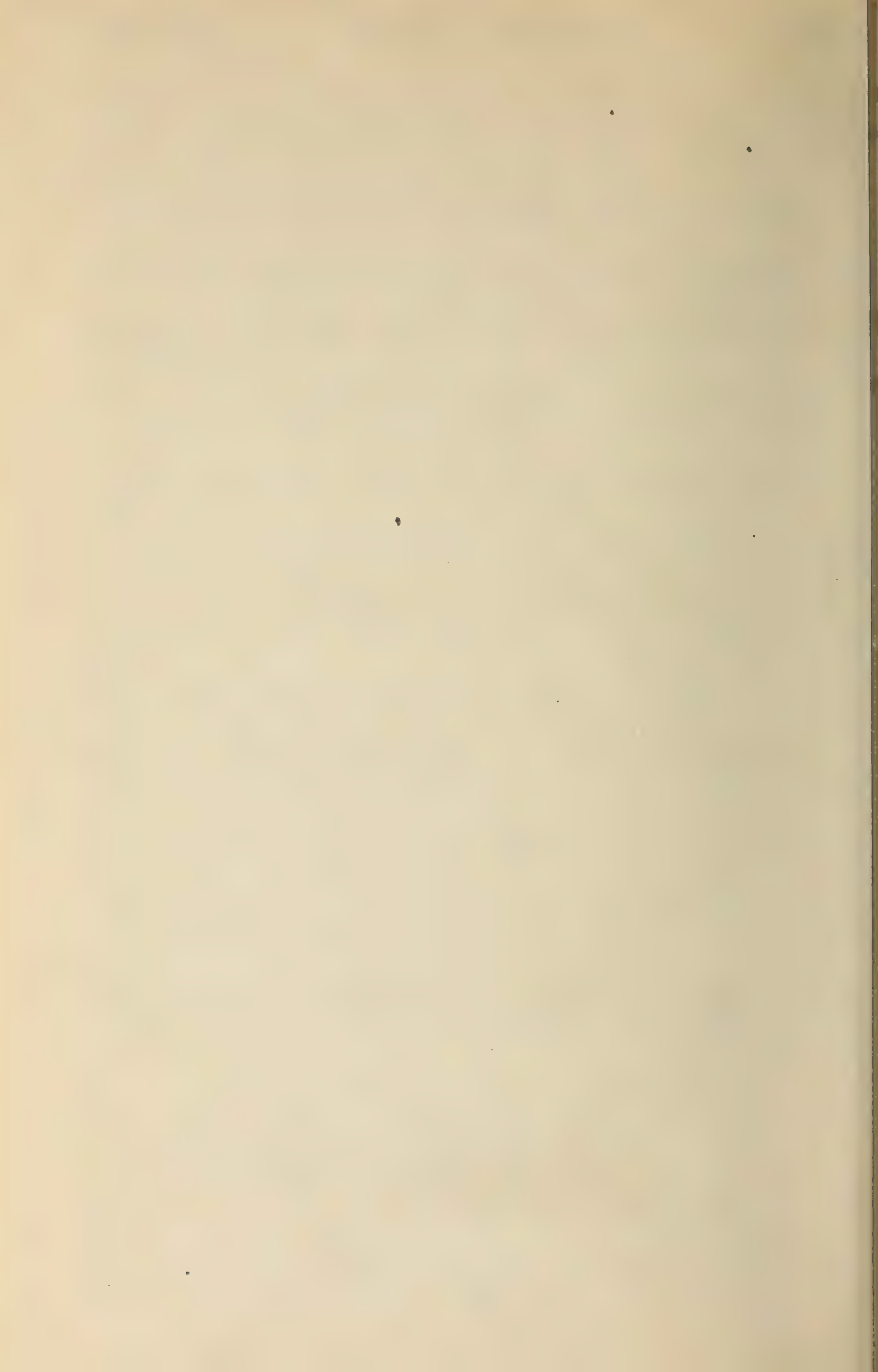
The Russian Government issues licenses for whalers in the White Sea and regulates the methods of fishing, fining heavily, or confiscating vessels found fishing without license or infringing the regulations in regard to the catch. And by parity of reasoning, I conclude that the Canadian Government possesses similar rights in Hudson's Bay.

I have the honor to be, Sir,

Your obedient servant,

ANDREW R. GORDON, *Lieut. R. N.*

Commanding Hudson Bay Expedition.



SUPPLEMENT No. 2

TO THE

FIRST ANNUAL REPORT OF THE DEPARTMENT OF FISHERIES

REPORT

ON

FISH-BREEDING

IN THE

DOMINION OF CANADA,

1884.

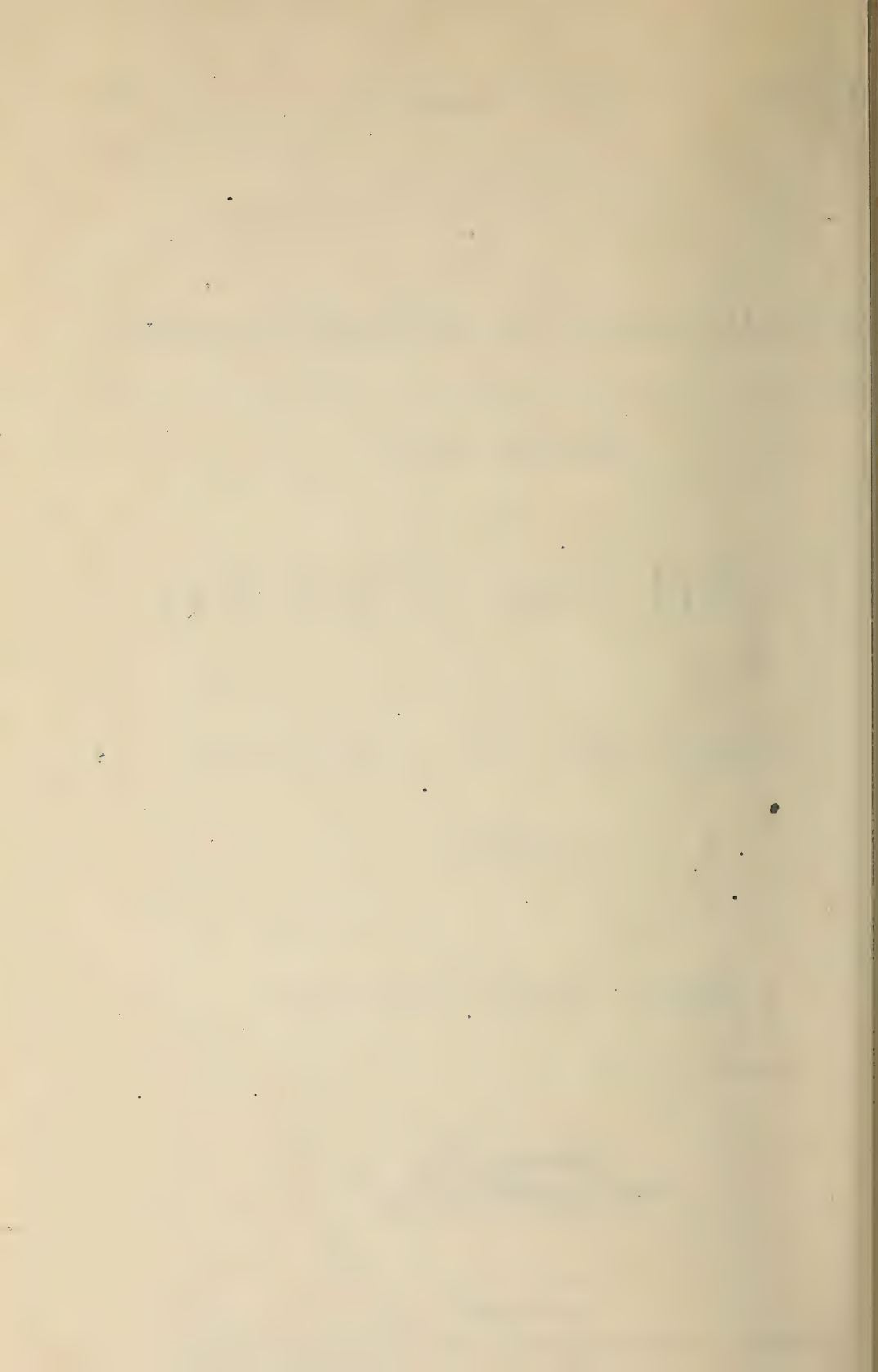
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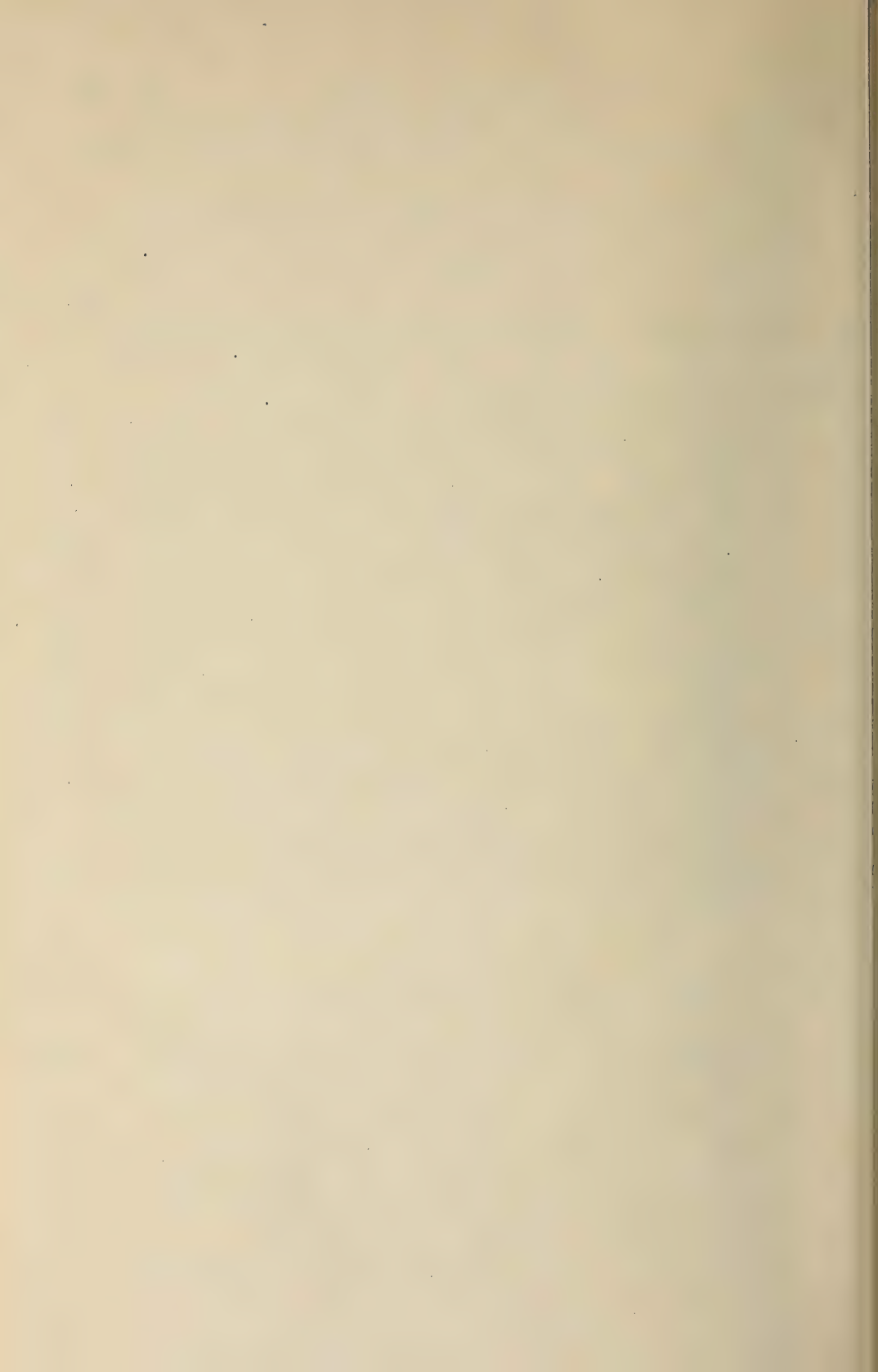
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FISH BREEDING, 1884.

NEWCASTLE, 31st December, 1884.

The Honourable A. W. McLelan,
Minister of Marine and Fisheries, Ottawa.

SIR,—The following transactions and remarks relative to artificial fish-breeding in the Dominion of Canada, are herewith submitted.

The general success of the several institutions during 1884, as given below, will be found satisfactory as evidencing the onward progress of the work as a whole, although returns from some of the hatcheries do not show as large a crop of ova laid down, as in the previous year of 1883. The falling off in the quantity of eggs, being occasioned by a less number of parent salmon having been captured at some of the stations, than during the season of 1883.

There are now twelve establishments for the propagation of fish, by the artificial methods, in actual operation in the several Provinces of the Dominion.

These hatcheries are all, at the present time, largely filled with fish eggs, collected at various points throughout Canada, during the spawning season of 1884. The latest one, erected on the Fraser River in British Columbia, was only completed in time to receive its first crop of ova last autumn.

Particulars relative to the rearing and distribution of fry from eleven of the above mentioned nurseries, during the spring of 1884, are herewith submitted in detail; likewise, a descriptive account of the quantities and species of eggs that were laid down in each of the twelve hatcheries last autumn, is given below.

The total number of young fish of various kinds hatched, and turned out of these eleven institutions, into many of the rivers and other waters of Canada in 1884, amounted to 53,143,000; and the total quantity of eggs laid down in all the hatcheries in the fall of 1884, was 66,033,000.

The particular number and description of young fish bred in each of the nurseries in the several Provinces, during the hatching season or spring of 1884, was as follows:—

		Province.		
Sydney Hatchery,		Cape Breton.....	1,000,000	salmon
Bedford	"	Nova Scotia.....	1,000,000	"
Dunk River	"	Prince Edward Island..	1,000,000	"
St. John	"	New Brunswick.....	811,000	"
Miramichi	"	"	795,000	"
Restigouche	"	Quebec.....	940,000	"
Gaspé	"	"	859,000	"
Tadoussac	"	"	985,000	"
Magog	"	"	100,000	salmon trout
Newcastle	"	Ontario.....	5,150,000	"
"	"	"	50,000	speckled trout
"	"	"	3,500,000	white fish
"	"	"	100,000	black bass
Sandwich	"	"	27,000,000	white fish
"	"	"	10,000,000	pickerel

Grand total of fry of all kinds..... 53,143,000

These were divided by species as follows:—

Salmon, "salmo salar".....	7,243,000
Salmon trout, "salmo lacustris"	5,250,000
Speckled trout, "salmo fontinalis".....	50,000
White-fish, "coregonus albus".....	30,500,000
Pickarel (doré), "lucipercha".....	10,000,000
Black bass, "gristes nigricaus".....	100,000
Grand total.....	53,143,000

The particular number and description of fish eggs, laid down in each of the nurseries of the several Provinces during the spawning season, or fall of 1884, was as follows:—

	Province.	
Fraser River Hatchery,	British Columbia.....	3,000,000 salmon
Sydney	Cape Breton.....	931,000 "
Bedford	Nova Scotia.....	800,000 "
Dunk River	Prince Edward Island.....	1,250,000 "
Miramichi	New Brunswick.....	1,000,000 "
St. John River	"	186,000 "
Restigouche	Quebec.....	700,000 "
Gaspé	"	341,000 "
Tadoussac	"	775,000 "
Magog	"	No return, salmon trout
Newcastle	Ontario.....	4,000,000 "
Newcastle Hatchery	"	3,000,000 speckled trout
do	"	3,000,000 white fish
Sandwich	"	50,000,000 "

Grand total of eggs of all kinds.....66,033,000

These were divided by species as follows:—

Salmon, "salmo quinnat".....	3,000,000
Salmon, "salmo salar".....	5,983,000
Salmon trout, "salmo lacustris".....	4,000,000
Speckled trout, "salmo fontinalis".....	50,000,000
White-fish, "coregonus albus".....	53,000,000
Grand total.....	66,033,000

Details of the operations at each of the hatcheries during the year, will be found in the report of the several officers in charge, in the appendix attached hereto.

TRANSACTIONS AND REMARKS.

A short descriptive account of the several fish hatcheries is here given from a personal inspection made of several of them last summer; and from a general knowledge previously obtained of the others, and also from information gathered from the correspondence and reports of the officers in charge. Remarks are also offered with the view to further develop the working capacity of these institutions, and special to dispel, if possible, wrong impressions formed regarding the working of them; and also to offer some practical information as to the nature and some of the habits of salmon, at the time of entering the rivers, for spawning purposes.

PROVINCE OF BRITISH COLUMBIA.

I.—FRASER RIVER HATCHERY.

This salmon breeding establishment is situated on the Lower Fraser, at a point some four miles above New Westminster, on the opposite shore. The building was commenced in 1833, and completed during the present year. It is perhaps the most extensive salmon hatchery yet built in Canada. Its location was made, and the final completion of the whole establishment was carried out by Mr. Thomas Mowat, during my connection, and attendance in England with, the work of the Canadian branch of "The Great International Fisheries Exhibition, London, 1883."

Not having had an opportunity of inspecting this institution, I can as yet only speak of its adaptability for the practical work of fish breeding, through the medium of the report of Mr. Mowat, the officer in charge, which gives a satisfactory statement of the operations, and judging also from the quantity of eggs laid down in the hatching trays this season, the institution has made a very creditable commencement. In future years, no, doubt, the numbers of ova will be largely increased, especially when it is known that salmon are obtainable to an unlimited extent in the Fraser River and its tributaries.

It appears that a much less period of time is taken to hatch the "Quinnat" salmon in the waters of the Fraser, than the "Salar" of the rivers of the Maritime Provinces bordering on the Atlantic coast. In the former only about two months are taken to bring out the fry, whilst in the Atlantic rivers five, and six months, elapse before the embryo breaks the shell. This is readily accounted for by the temperature of the water, as it is the medium by which the hatching of the eggs is hastened or retarded. The average temperature of the water in the Restigouche River in New Brunswick, during the two weeks ending the 22nd of November last, was recorded at 35 degrees; and in the Fraser River in British Columbia, for the same period, it was 45 degrees. In a comparison later on, it would be found that, the temperature of the water in the Fraser River would be relatively much higher than in the Restigouche.

Upwards of three millions of ova were obtained for this hatchery. About a quarter of a million of these were taken from the so-called "Suckeye," and the balance from the "Quinnat" salmon. The last named species is considered superior to all others of the salmon family in Pacific waters, for canning and commercial purposes. They do not, however, appear to be as prolific as their congeners in the Atlantic waters. The returns giving only an average of *four thousand eggs* to the Fraser salmon, whilst the average quantity of ova obtained from the Atlantic salmon, at eight hatcheries is reported as about *seven thousand each*. A fair standard of about six hundred and fifty eggs, to every pound of the flesh of the Atlantic salmon, having been pretty well established, leads to the conclusion that, the "Quinnat" salmon of British Columbia are either less in size, or less prolific than the "Salar" of the Atlantic coast.

But the statement given by Mr. Mowat and by others, goes to show that the "Quinnat" are larger than the "Salar." If this be the case (to me doubtful) then the reproductive powers of the Fraser River fish are less by some 50 per cent., than those of the Atlantic rivers. In carrying this line of reasoning further, it will go to prove beyond a doubt, the paramount necessity for enforcing judicious and stringent laws, for the better preservation of these valuable fish in British Columbia; else, the

*Note.—At the United States salmon breeding station on the McLeod River, California, during the season of 1881, seventeen hundred and twenty-nine (1,729) salmon gave seven million two hundred and seventy thousand (7,270,000) eggs, or an average of four thousand two hundred and five (4,205) eggs to each fish, and the average weight of these fish was eleven and three quarter ($11\frac{3}{4}$) pounds. This gave only three hundred and fifty-eight (358) eggs to every pound of flesh. Whereas an average of between six hundred and seven hundred ova is found in the Atlantic salmon, with a general run of about twelve pounds weight to each.

same disastrous results which have befallen most of the rivers in the Eastern Provinces, will be brought about more quickly. Therefore, it is that, the British Columbians, no doubt, have shown their wisdom in demanding this extensive salmon hatchery for their Province, at this early date, in order to supplement the supplies of these fish which are now being so avariciously destroyed by those who are engaged in their traffic.

Mr. Mowat's report will be found in the appendix, which gives details of the construction of the hatchery, and particulars in relation to capturing parent fish, &c.

Total number of eggs collected for this nursery, in the fall of 1884, 3,000,000.

PROVINCE OF NOVA SCOTIA.

II.—SYDNEY HATCHERY, CAPE BRETON.

This salmon breeding establishment, erected in 1881, is in good working condition. No expenditure was incurred at this hatchery during the past season, other than to strengthen the dam from which the supply of water is obtained.

The salmon for this institution are, of necessity, procured during the spawning season, from several rivers in Cape Breton. Some of these are near by, others at considerable distances from the hatchery. The Margaree River, the principal one in which parent fish are captured, is the most distant. On this account, a pond, or reservoir was constructed there, for retaining the parent fish till thoroughly mature. In addition to the Margaree, salmon were secured in the Middle, Sydney, and Salmon rivers; also in Balls Creek.

Three hundred and twenty (320) parent fish were caught to stock the hatchery with eggs; of these one hundred and forty-five (145) were females, and one hundred and seventy-five (175) males. From which was collected nine hundred and thirty-one thousand (931,000 eggs.) These were laid down in the hatchery trays, and from the latest accounts they are progressing most favourably. The average number of ova collected from each female fish, was five thousand three hundred and fifty (5,350); this would indicate the average weight of each fish, at about nine pounds.

One million and fifty thousand (1,050,000) eggs were laid down in the Sydney Hatchery in the fall of 1883. From these eight hundred and fifty-three thousand (853,000) fry were hatched in 1884, and planted in the following rivers and small streams, namely: Sydney, Salmon, Morgan and Middle Rivers; Balls Creek, and Trout, Black, Clerks, Big, and Hatchery Brooks.

Total number of fry hatched out spring of 1884.....	853,000
---	---------

Total number of eggs laid down in the fall of 1884.....	931,000
---	---------

PROVINCE OF NOVA SCOTIA.

III.—BEDFORD HATCHERY.

I visited this salmon-breeding establishment in August last, and upon inspection found that parts of the building were very much decayed, more especially the lower floor, sills and hatching troughs, all of which must necessarily be repaired during next summer. The hatchery has been in operation several years, and it is not reasonable to conclude that, where exposure of those parts to dampness is continuous, the woody substance will soon decay.

Instructions were given to make such repairs only as would carry the work of the establishment over the then coming busy season and winter, with the view of making permanent improvements during the slack season of 1885.

Upon consultation with the officer in charge, in relation to the required repairs it became conclusive to my mind, both as regards economy and durability, that, (

A floor for the hatching room made of broken stones (of which plenty were immediately alongside the building) and covered with cement, should replace the present wooden one; (2) A complete new set of hatching troughs was required; (3) The half-constructed reservoir for parent fish should be completed; (4) Increased accommodation for the officer in charge was required. These and other minor matters are essential to the proper working of the Bedford Hatchery, and should be entered upon for early completion next summer.

The work of gathering eggs for this hatchery this autumn has not been so satisfactory as in former years. Two causes are given for this want of success: First, the extreme high water in the early part of the season caused the fish to run far up the stream, beyond the limits of usual operations for capturing them. Secondly, although salmon were said to be plentiful in August and September, in the harbors and estuaries, yet from the continuous drought which followed the earlier rain-fall, the rivers and streams became so very low in October and November (the usual time for capturing fish) that salmon were prevented from ascending the rivers to the points where the spawning tanks were located. Large numbers of eggs were said to have been laid in the tidal waters, where, as a matter of course, they would perish.

Only the small number of ninety-two (92) breeding salmon were obtained for the uses of the Bedford station, seventy-five were females. These gave a total of eight hundred thousand (800,000) eggs, with an average of ten thousand six hundred (10,600) to each female.

Notwithstanding the decrease in the numbers of salmon captured for the uses of this hatchery, it is gratifying to learn from many sources, that the quantities of these fish that entered the rivers of the central parts of the Province were largely in advance of former years, resulting, in a great measure, from the liberal supplies of fry which were planted in them, and bred by artificial means at the Bedford Hatchery. The strongest evidence of this is shown in the Lahave River, where great wonderment was expressed by the inhabitants, at the return of salmon with increased numbers, for the past three years, many of them having been caught below the mill-dams at Bridgewater, where these fish had been almost unknown for many years, or since these dams were built across the river. The fact, however, of some two hundred under-sized salmon, having been caught in 1883, and upwards of five hundred in 1884, and the mill-dams being in the same state as formerly, created considerable surprise, and many surmises were made as to where these salmon originally came from.

Upon investigation, it was found that Mr. A. B. Wilmot, officer in charge of the Bedford Hatchery, had planted some 20,000 salmon fry in the headwaters of the Lahave River, in 1878; and in each year since from 2,000 to 20,000 more have been added. These fry were taken from the hatchery and transported by the Annapolis and Windsor Railway, to a point where it would be most convenient to convey them by waggon to the nearest brooks or feeders of the Lahave River; this was about ten miles. Here the young fry were planted in the full belief that those which would survive the dangers and difficulties that might befall them on their migration down some fifty miles of the Lahave, to the sea, would, when arrived at sufficient maturity to reproduce their species, return again to the same rivers, to carry out this great law of nature. This return to the river from whence they migrated would, by instinctive teaching, be performed with unerring certainty; unless prevented by insurmountable barriers and other obstacles found in their way, such as mill-dams, nets, rivers and such like. It has been held by the inhabitants on this river that salmon had not for many years been known in the Lahave. The mill dams prevented these fish from ascending the river. The female salmon become sufficiently matured to reproduce their species in a period ranging from four to seven years; depending largely upon the supply of food obtainable in their earlier growth in the streams as "Parrs" and "Smolts"; (young salmon before they go to salt water) and, during their sojourn in the sea, arriving at their first state of maturity; the males, as a rule, reaching the same stage a year sooner than the females. It is only in order to reproduce their kind that salmon enter rivers, or fresh waters, at all;

they do not feed in fresh waters, nor in rivers. The salmon taken in the Lahave, in 1883 and 1884, were said to be rather small in size, not up to the standard of the fish in bygone years. Summing up these facts, viz., the absence of salmon in the Lahave for many years, their somewhat numerous return again in 1883 and 1884, their low average as to size, the several mill-dams across the river, forming almost impassable barriers for parent salmon to surmount, consequently forbidding the possibility of eggs being deposited on the natural spawning grounds far up river; then, the fact of several thousands of young artificially bred salmon being put in the upper waters of the Lahave, four and five years previous, all these things cannot but lead to the almost certain conclusion that the usual numbers of salmon caught in the Lahave River, in 1883 and 1884, were the product of the fry put in that river from the Bedford Hatchery in 1878 and following years.

The Liverpool and Port Medway Rivers, on the same coast of Nova Scotia as the Lahave, have also had moderate supplies of young salmon, from the Bedford establishment, put in them; and these rivers are also showing satisfactory signs of improvement. There are no obstacles in the way, such as mill-dams, on the Port Medway River, to prevent salmon from ascending the stream for a considerable distance; and here a most decided increase in the catch of salmon, by netters and anglers, is reported over former years. The direct evidence for a share of this improvement of the Port Medway, cannot be so clearly shown as in the Lahave; in the former, there are no obstacles in the way for parent fish to ascend and deposit their ova on the spawning beds; whilst in the latter this natural method of reproduction is overcome by the obstruction in the way to prevent it. Now, when the fruits of the planting of artificially bred salmon fry in the Lahave are so apparent, why should not the same result be had from the depositing of fry in like manner in the Medway, Liverpool and many other rivers in the country?

One million (1,000,000) of young salmon were hatched out in the Bedford Hatchery last spring from eggs laid down the previous fall. These fry were widely distributed in the rivers of Nova Scotia, and the following named counties were the recipients of them, viz.: Halifax, Hants, King's, Cumberland, Colchester, Pictou, Annapolis, Lunenburg and Yarmouth.

The report of the officer in charge of the Bedford Hatchery will be found in the appendix. It contains matter of much interest in relation to the preservation and improvement of the fisheries of Nova Scotia.

Total of fry hatched out in the spring of 1884.....	1,000,000
Total of eggs laid down in the fall of 1884.....	800,000

PROVINCE OF PRINCE EDWARD ISLAND.

IV.—DUNK RIVER HATCHERY.

Returns show this hatchery with its appliances, to be in very good repair at the present time. From the effects of an unusually heavy freshet last spring, portions of the reception house for entrapping the fish, were partially injured. This and other small repairs were completed in time for the run of fish, which commenced in October and continued till the 30th of November, when two hundred and twenty (220) salmon were engaged in the pens.

Of these 220 fish, one hundred and sixty (160) were females; the balance were males. From the females, one million two hundred and fifty thousand (1,250,000) eggs were taken, with an average of 7,800 to each female, thus giving to them a standard of 13 lbs. in weight, by the usual calculation of eggs to the pound of flesh.

The officer in charge reports that quite as many eggs were deposited in the natural way, by a large number of salmon in the river below the hatchery, that did not attempt to reach the site of the reception house. Unusual numbers of small sized fish, and grilse, entered the river during the spawning season.

Smolts, or immature salmon, are mentioned as being very plentiful in the Dunk River, and Wilmot River, near by. The same is said of all the rivers where fry have been planted. Several salmon were taken with the hook and line, near tide water. These accounts give satisfactory indications with regard to the benefits from protection and propagation in the Dunk River.

One million (1,000,000) young salmon were turned out of this hatchery into many of the rivers and streams in the Island, during the past spring; these were the product of the eggs laid down in the fall of 1883. The transport of these young fish, by railway and other means of conveyance, to the several places selected for them, was safely performed. Large supplies were deposited in each of the following rivers:—Dunk, Wilmot, West, Morrell, Brudenell, Montague, Wheatley, Trout No. 10, Trout Newbarton, Hunter; and also several smaller streams.

Total of fry hatched out in the spring of 1884.....	1,000,000.
Total of eggs laid down in the fall of 1884,.....	1,250,000.

PROVINCE OF NEW BRUNSWICK.

V.—ST. JOHN RIVER HATCHERY.

Having made an inspection of this establishment during the past summer, I found everything connected with it in the most perfect order. Its capacity and convenience for the general work of hatching fry and distribution of young fish from it, is unequalled at any of the other locations where institutions of a similar kind have been built in the Maritime Provinces.

The supply of water for breeding purposes is brought by an underground pipe some distance from the main building. Here it was thought advisable to make some improvement in order to prevent the possibility of the action of the frost stopping the full flow of water during the winter. The officer in charge has had this work done, thus making the direct working means of the hatchery most complete.

Whilst this establishment in itself is thus so admirably adapted for its work, the system adopted for procuring parent salmon to supply the hatchery with an adequate number of eggs, is becoming, year by year, less effective. The wholesale destruction of salmon by every possible means, legal and otherwise, in the upper parts of the St. John River and its tributary streams, has so reduced the supplies of breeding fish formerly found in those parts of the river, that it may now be said to be almost an impossibility to obtain even a tithe of the mother fish necessary to stock the nursery with eggs.

In addition to this deplorable want regarding the number of parent fish required for the natural and artificial reproduction of their species, from a pecuniary point also it is really unwise to continue the disheartening trials hitherto practised for capturing parent salmon, even in the Tobique River, which is really the best nursery stream of all the branches of the great St. John River.

Even with the personal efforts of the officer in charge of the hatchery, a thoroughly practical and painstaking man, and extremely zealous to obtain success, and a crew of men, they were, comparatively speaking, unsuccessful in their endeavors to capture a sufficient stock of parent salmon up the Tobique River, and the cost of the few that were caught, if it had been used in the purchase of fish at the harbor fisheries, or even elsewhere, would have secured fully four times the number; thus giving to St. John River Hatchery upwards of half a million (500,000) of eggs, instead of the insignificant quantity now deposited in it. Special reference is drawn to the statement made in the report of the officer in charge of the St. John River Hatchery, which will be found in the appendix, when he refers to the want of necessary protection, and the devising of some other method than the present one, by which a supply of ova may be had for the hatchery under his charge.

As my views on the subject of stocking this hatchery have been so frequently expressed, I will now, only quote one extract from my annual report to your Depart-

ment, published in 1881. The experience had since, convinces me more thoroughly of the necessity of a change, and of the easy accomplishment of that plan, and also the futility of the method now adopted.

"Efforts have thus far proved futile (and it will be useless to continue them) for procuring supplies of salmon ova in the upper parts, or branches of the St. John River. If this fish hatchery is to be carried on, it will be absolutely necessary to obtain the ova for it from the estuary and tidal fishing stations, or else import the eggs from distant points. This latter plan appears very objectionable, in the face of the fact of the easy means which are open for procuring an adequate number of salmon from the trap-nets which are set in the St. John harbor. From information received from reliable sources, salmon, in sufficient numbers to give two or three millions of eggs could be purchased annually from the tidal fishermen.

With all the efforts put forth last autumn, only forty-three (43) salmon were captured by Mr. McCluskey and his men, twenty-five (25) were females and eighteen (18) males. The former gave one hundred and eighty-six thousand eggs, or an average of about seven thousand four hundred each.

These eggs were obtained at very great expense, on account of the more than ordinary difficulties connected with the catching of them, and carriage from the Serpentine River down the Tobique, to the Hatchery. Notwithstanding these difficulties, they are reported as presenting a very satisfactory appearance in the hatchery troughs of the nursery.

There were eight hundred and ninety four thousand (894,000) salmon eggs laid in the troughs of this institution in the fall of 1883. 284,000 of these were collected in the Tobique River; 210,000 were got from the Tadoussac nursery in the Province of Quebec; and 400,000 from the Restigouche Hatchery. The latter number were by far the best. Less of these died during the period of incubation, and they produced larger and more vigorous fry. On account of the Restigouche eggs being obtained in March few losses were sustained, consequently the high average of nearly 90 per cent. of fry from all the eggs in the St. John River Hatchery is accounted for, the gross product being 811,500. These were deposited in the following named waters: The St. John, Tobique, and Salmon Rivers, in Victoria County; Skiff Lake, in York County; Baker's and Emmerson Brooks, Madawaska County; and a large number were put in the Rapid des Femme stream, which feeds the hatchery.

There will be found in the report of the officer in charge of this hatchery, in the appendix, the following paragraph:—

"I desire to refer to a novel occurrence that took place on the Tobique River. It is a well understood fact that, rarely, if ever has it been known that, a salmon would rise to an artificial fly on the Tobique River, but last summer an American gentleman from Boston, killed eighteen salmon with the fly, on the right hand branch. The question now presents itself; has artificial fish culture, by the introduction of fry from other rivers caused this change? I am inclined to think it has."

This circumstance is a peculiar one, especially when hitherto it has always been held that the St. John and Tobique Rivers were not salmon angling streams. It may therefore be, and the statement fairly gives rise to the possibility that, the introduction of a family of salmon, natives of a famous salmon angling river like the Restigouche, into the waters of the above mentioned river for several years past, has brought about this interesting result; and it would also go to show that, if the operations connected with the artificial culture of salmon in the country, capable (to say the least for them) of causing attraction for the angler. How much more must the benefits from the industry be felt by the country at large from a commercial stand point.

Other remarks contained in the report of this officer with regard to the protection of salmon in the St. John and Tobique Rivers, claim the attention of your Department.

Total of fry hatched in the spring of 1884.....	811,000
Total of eggs laid down in fall of 1884.....	186,000

VI.—MIRAMICHI HATCHERY, N.B.

This hatchery, among the foremost built, required a good deal of renewing. I thoroughly inspected the whole establishment last summer, and found it necessary to order many repairs; a new foundation throughout, new floor, new hatchery troughs, and other matters of less magnitude required immediate attention to put the establishment in proper working condition for the then coming season's work. These repairs have since been fully completed; as the foundations are now made of cedar, a long time will pass before any further expense will be necessary on these parts of the building at Miramichi.

The system pursued here of capturing parent salmon up river late in the autumn, should be discontinued, and the method adopted and found thoroughly satisfactory at Tadoussac and Gaspé should be applied. There is an extensive pond here of large surface area, with a depth of several feet of water, fed by a constant flowing stream, which should be well adapted for retaining quite a number of salmon. This pond is capable of being easily arranged by the placing of a weir across its outlet, to admit of the influx of the river water at high tides. This, in addition to the constant run from the small stream, would materially assist in the further aeration and purification of the pond. No serious difficulty has been experienced in conveying salmon alive to this reservoir, as scows can be floated into the very pond itself at high tides.

There are several very good fishing stations within the distance of a couple of miles of the hatchery leased by your Department to fishermen, who, no doubt, would enter into some satisfactory arrangement by which the salmon caught by them could be kept alive, and then transported in scows to this pond alongside the hatchery.

At present the salmon which are caught late in the fall up river, some twelve and fifteen miles, are carried in cribs or scows down river to the hatchery, therefore it must appear more reasonable that, the stock of parent salmon should be caught at the shorter distance of two or three miles, and floated to the pond in the same manner as has been the case for several years past. An objection is brought against the catching of salmon in the earlier season, when netting is legally permitted, that greater losses would be experienced by keeping the fish through the warmer months in the fresh water pond. This anticipated danger need not prevail to any great extent, particularly if the necessary care were taken to avoid injury to the fish, at the time of their capture, and carriage to the pond; and even should some slight mortality take place from the above method, it would be more than compensated by the certainty of obtaining the necessary stock of parent salmon, and by permitting the fish, which would otherwise be caught by the usual way, to pass up river unmolested (by the operations of the hatchery at least) and deposit their eggs on the spawning beds in the natural way. And for another cause it might be held as more beneficial to obtain the earlier run fish, for an idea now prevails (whether fallacious or otherwise) with some experienced fishdealers that the breeding of young salmon from the very late runs of mother fish, has a tendency (upon the principle that like begets like) to increase the numbers of salmon which enter the rivers after the close season has set in; and not to benefit the catch of early running salmon, which are the fish usually taken for commercial purposes.

Yet again, the most potent reason that may be given, in favor of procuring the early runs of salmon for artificial breeding purposes is that, the fish being captured alive, and so kept until manipulated, and then set at liberty again, leads to the satisfactory conclusion that many of them do return in following years; whereas if not so utilised these same fish would be put in the market for consumption, thus causing their total destruction for reproductive purposes, and resulting in the loss of tens of thousands of ova which would be contained in their bodies. But by the other method these eggs, by being artificially hatched in the breeding houses, would yield a large percentage of your salmon to stock, and otherwise enrich many of the river and tidal fisheries of the country.

From information from the officer in charge of the hatchery, and from many other sources, the catch of salmon in the Miramichi, more especially in the lower parts of the river, is very much on the increase. The fly fishermen give astonishing accounts of the numbers of grilse to be seen in the upper parts of the many branches of this river. During the time of netting parent salmon for this hatchery, last fall, a hundred of these grilse would be swept out of one pool. This marked show of young salmon in the Miramichi and its tributary streams gives the strongest indications of the river being well supplied with young fish, to say the least of it, and this increase must have been brought about from some beneficial cause. Why should not some credit for this be given to the planting of large quantities of salmon fry in the several branches of this river annually, that were bred in the hatchery. But the people say, yes, there is certainly an increase of grilse, and other undersized salmon, but where is the increase in the large or marketable salmon which ought to be in the river? The question is easily answered: If the large or mature salmon are caught so numerous by the trap nets and other engines of destruction, as they really are in the estuary and coast fisheries, it cannot be expected that the usual numbers (or even a moderate supply) of the full grown fish can reach the river. But the grilse and smaller sized salmon do, for they get through the meshes of the nets which are set along the coast. Now, if some limitations or severe restrictions are not put upon these coast nets, which are yearly on the increase, not only will the salmon become less numerous in the rivers, but the general catch along the coast must fail also. Accessions to the demands for using these most destructive engines will soon bring about a serious impoverishment to the whole of the salmon fisheries connected with the Miramichi River, its estuaries and coasts adjacent thereto. The prevailing greed shown by the fishermen, to overdo a fair and legitimate catch of salmon, proportionate to the producing powers of rivers, must sooner or later impel Parliament to enact a law similar to that enforced in England from like causes, namely, "The abolition of the use of all fixed engines for the capture of salmon." It will be found to be utterly useless to protect the salmon rivers of the country, or to propagate fry for them, unless a corresponding amount of wisdom is shown by the Legislature to prevent the inordinate and avaricious desires of the people from destroying these fish to such an extent as to over-ride their powers of reproduction, and ultimately bring about their extermination.

The officer in charge of the Miramichi Hatchery reports the capture of 273 breeding fish. These were netted some distance up the river above tideway. One hundred and thirteen of these were males, and the balance, or 161, were females, which gave 1,000,000 of eggs, upon an average of 6,250 to each spawner. Taking the previously given standard of eggs to the pound, these fish would show a general average in weight of about $10\frac{1}{2}$ pounds. The eggs are reported as progressing favourably at the present time.

The supply of ova secured for this nursery in 1883 was set down at 850,000. An evident error must have crept in here, as the officer's return now shows a successful distribution of 795,000 fry, as being the product of the hatchery in the spring of 1884. These young salmon were conveyed safely to the following waters, namely, the North-West, Big South-West and Little South-West Branches of the Miramichi, the Sevogle and Renous Rivers and Stewart's Brook.

Total of fry hatched spring of 1884.....	795,000
Total of eggs laid down fall of 1884.....	1,000,000.

PROVINCE OF QUEBEC.

VII.—RESTIGOUCHE HATCHERY.

This salmon-breeding establishment is located upon one of the finest salmon rivers in the Maritime Provinces. The actual number of fish caught in the fluvial, tidal, and coastal waters, connected with the Restigouche River are not surpassed by

any other, and the commercial benefits to be had from this natural source of wealth, are of the greatest importance, not only to those directly engaged in the local traffic, but also to the country at large.

Upon an inspection of the Restigouche Hatchery, made last summer, it was found that the old building put up many years ago had outlived its period for usefulness, on account of its generally dilapidated state, and the almost total decay of certain portions of the structure, with the tendency of its sides to fall in by the action of frost, as the walls were built against an excavation made in the banks of a small stream. By referring to the Fisheries Report of 1881, it will be found that attention was then drawn to the unsafe and dilapidated condition of this hatchery, and in the same report reference is made to the erection of a very extensive building and dams further up river, to supply the place of the old works. This new establishment when almost completed, was, by orders of your then Commissioner of Fisheries during the summer of 1883, pulled to the ground, and carried in pieces down river some twenty odd miles to "Dee side," the site of the present hatchery. In accordance with Departmental instructions, another site was chosen in August last, upon which to rebuild the several parts of the taken down edifice found suitable for use. The new site consists of about two acres, beautifully situated and very well adapted for a fish breeding establishment. This location increases the area of the property upon which the present old hatchery stands, and takes in the brook for water supply, and also gives free ingress and egress to the main road, and to and from the Restigouche River. This fish-breeding establishment has been put up under the immediate supervision of Mr. Alex. Mowat, who acted upon instructions given to him by me from time to time. It is sufficiently advanced to receive the troughs and other apparatus which will be in readiness to put in place next spring, when the whole establishment will be fully completed for the reception of the forthcoming crop of salmon eggs for the season of 1885. The hatching capacity of this institution will be sufficiently large to accommodate some 6,000,000 and upwards of salmon eggs, and will be considerably in advance as to size and general outfit for all practical purposes for breeding the Atlantic salmon, of any similar institution on this continent, or even in the Old World. When arranging for the work of this hatchery, I also made an inspection of the inclosure or pond used for impounding the parent salmon for supplying this nursery with eggs. This pond is situated at the extreme head of tide water, and is closed in by crib work put across the two ends of a narrow channel, which runs between two islands, in the centre of the Restigouche River. The inclosure is sufficiently spacious to retain a very large number of salmon; with a depth varying from three to twelve feet, and with a fresh current from the main river always passing through, so that a large supply of healthy aerated water is provided for the salmon to roam about in during the summer, and until they are ripe for spawning. The great advantage connected with this large pond or reservoir is its closeness to some of the best fishing stations; where, with proper arrangements being made with the lessees of these grounds, a sufficient stock of breeding fish may be secured, almost with a certainty, from the early "runs" of salmon passing up the river. The present inclosure is capable of being extended to any desired length without any difficulty; as a purchase was made by your Department, which secures the privilege of this channel with a strip of land on the banks of both islands forming the passage. Scows or fishing boats can run up to or even into the pond from the main river at convenience, by which means unusual facilities are given to convey the fish alive, with very small chances of injury, from the stations near by directly to this reception pond.

Another source of convenience, which certainly warrants a more speedy means of recuperation from the exhaustive effects of spawning is secured by the selection of this pond just at the head of tide water. For, after the process of manipulation by the artificial method is performed, the fish are at once put in the open river, and are immediately carried down by the first falling tide to sea, where, from the healthful effects of the salt water, their desire for food returns to them again, and they soon recover from the emaciated state they had contracted from their lengthened sojourn in the fresh water, where, by a peculiarity of the nature of salmon, they do not

take food. Not so, can they so quickly, or surely reach their healthful and natural feeding grounds in the sea when captured on their spawning beds far up river, from which points weeks and months will elapse sometimes before they are enabled to reach salt water. From this latter cause, combined with the daily increasing prostration following the effects of spawning, and long abstinence from food, some fish necessarily die.

This mortality among salmon after spawning in the natural way; shows itself in all rivers and streams, in all parts of the world, in a greater or less degree, according to circumstances. But in rivers where these fish are very abundant, as in the Fraser, Columbia, Sacramento and others on the Pacific coast, it prevails to such an alarming extent, as to give the belief to many of the inhabitants, and, even to some writers, who are considered to be authorities on the subject that, all the salmon there, after passing through the ordeal of spawning die. The only evidence alleged is that, thousands upon thousands of salmon are found floating down these rivers in a dead and dying state. This great death-rate in rivers, where; it is said, salmon are so numerous as to actually crowd themselves from the streams upon dry land, may be somewhat reasonably accounted for, as previously mentioned, namely: From extreme emaciation; from their long and wearied migration up river; from their non-eating propensity in fresh water;* and from the physical change brought about by

* NOTE BY MR. WILMOT.—Salmon do not take food on their migration up rivers to their spawning grounds. This view is now almost universally held by all persons practically acquainted with the nature and habits of the salmon. There are, however, some disbelievers of this statement. The following facts are given to sustain Mr. Wilmot's position, viz :—

(1) The stomach of the salmon is found *distended* with food in a half-digested state, when captured beyond the estuaries of rivers and in the sea.

(2) Food is *never* found in the stomach of the salmon above tide water or in the fluvial parts of rivers

(3) Salmon begin to deteriorate in flesh and in colour, as soon as they enter the fresh water, and continue this falling off until they reach salt water and commence feeding again.

(4) After being in the rivers for a time, from the fat, silvery-coated salmon, they change to a lean, lank, emaciated, dirty, black-looking fish; in many instances after spawning they become so poor and prostrate that great numbers die.

(5) The fatty substance of the body put on in their feeding grounds in the sea, is consumed by internal absorption, to partially sustain the fish on his migration up rivers, and to nourish the growth of the ovaries and milt for maturity, previous to being laid in the spawning beds. The fatty substances of the body thus passing into the ovaries, presents to the eye the small, oily globules seen in the eggs when laid, and forms the food of the embryo fish before, and for a short time after, hatching out.

(6) The writer has seen many salmon opened, and has opened many hundred himself when caught in fresh water, but in no instance was there ever one particle of food found in their stomachs. He has also kept confined in ponds, numbers of salmon before and after spawning for periods of two, eight, and twelve months, where natural food was plentiful, yet they never took it, but could, nevertheless, be caught with an artificial fly.

(7) In all cases when opened, the gullet, or entrance to the stomach, seemed, as it were, from its closely contracted appearance, to forbid the possibility of food of any kind passing through it.

(8) The great numbers of salmon that enter many of our rivers would, if they took food to sustain their large bodies, consume at one single meal every living creature in the river that would be adapted for them to eat—yet in many instances, and in many rivers, salmon are from one to five and six months in the fresh water, on their journeys to their spawning grounds.

(9) In the Fraser and other rivers on the Pacific slope salmon are so abundant in them as to actually crowd themselves upon the banks. *Query*—Where and how could it be possible for these vast shoals of salmon to procure sufficient food to sustain them in the narrow confines of the river? On the contrary they become lean, exhausted, and after spawning die in thousands from sheer emaciation.

(10) It is well known by anglers that when salmon are taken with the fly, the hook is seldom found deep in the mouth, and *never* in the gullet, but almost invariably the fish is hooked on the inner or outer sides of the jaw, and now and then in the tongue. If taken voraciously for food, why not find the hook in the gullet, as in trout and other fish that actually take it for food by swallowing the bait?

(11) It may be asked, then, why do salmon rise to the fly at all if not for food? It is the exception, not the rule, to take salmon with the fly; they take it sometimes in anger when crossing their vision; and, sometimes from a sportive mood, in seeing a luring, dangling object above them. Dozens, yes, hundreds of salmon are often seen in pools by the angler, who may cast over them for days without taking a fish, and then, perchance, some morning or evening he may hook one, two, and sometimes more. Now, if these took the fly for food, why not capture many more of the hundreds that certainly ought to be in the same eating mood as their fellows who were taken?

(12) The sequel is here: By a wise ordination of Providence salmon are not permitted, by an instinctive feeling in their nature, to feed upon their own offspring, and in the very same nurseries, too, in which they had at a former period laid their eggs to reproduce their species. Did the salmon feed in the rivers and other streams which are their *breeding grounds*, in like manner as in the sea, which is their *feeding ground*, the beautiful aim of nature to safely maintain their species would be

the emission of the ova and milt from their bodies, culminating, at last, in a great many instances, in utter prostration, and finally death. But, to hold that the great law of nature with all creatures, "to multiply and replenish their kind," shall be so subverted in the case of the salmon as to cause all those frequenting the Pacific rivers to die at the time, or immediately after the period of spawning, cannot be admitted, nor is it so. Whilst statements are often made that thousands of sickly, dying and dead salmon are *seen* floating down these rivers, nothing is told of the many thousands of the more healthy ones that are *unseen* beneath the surface of these large rapid, turbid rivers, in the swollen bodies of which from freshets at that time of the year, the salmon are carried almost perforce down to the ocean, when in due time they recruit themselves, and are again prepared to renew this annual demand upon their nature in order to maintain their species. If the theory were true that all these salmon died in the rivers after spawning, their race must have become extinct long before this. It is considered opportune to refer to this singular mortality among salmon, with the view to impart some information on the subject to fishermen and others who may not be aware of the fact; and to rebut in a measure the false statements which have been disseminated broadcast among the inhabitants on the Restigouche River by wickedly disposed opponents to the science of fish culture, who allege that, because a few fish may at times be found dead, dying or sickly in the river, this result has been wholly brought about by operations at the hatchery in handling salmon for artificial purposes. The allegation is not only groundless, but events have shown that it was conceived in wickedness and malice, in order to injure and defame, not only the officers engaged in the work at the hatcheries, but, the very industry itself. How, it may be asked is it that, such great mortality is found among salmon in the Fraser and other rivers on the Pacific slope where hatcheries have never been worked? The same may be said of many of the rivers of Britain where the death rate of salmon is alarming and with no breeding establishments upon them either.

In further evidence of the remarks which I have made on this subject, I here quote the statement of Mr. Lumsden, Superintendent of the Tay salmon fishing in Scotland, who speaks of the Tay fishing in November and December just past, as follows:—"The salmon disease has again proved very destructive. During the fishing season the salmon were supposed to be quite free from the disorder; but unfortunately when netting operations for the collection of eggs for scientific purposes commenced, many fish were taken suffering from the fungus, and as time went on the number of diseased fish increased. During November and December as many as (704) seven hundred and four salmon, grise and trout were found dead in the river.

* * * * *

Capturing Parent Salmon.

There were (186) one hundred and eighty-six parent salmon obtained from the net which was set at the newly formed stand, close by the reception pond at the head of tide water. This fishing station was never used before. The fishermen considering it of little or no use, on account of its situation being in a shallow channel, up which, only a few straggling fish were supposed to pass; at the time of selecting the site for the reservoir, just along this blind channel (as it were) of the river, it was thought expedient to make a trial of this place, and learn whether salmon could be caught in any numbers there by setting a net, with a proper trap affixed to it. This idea has proved satisfactory in a greater degree than originally contemplated; for during the past season the above mentioned number of salmon was actually taken in this channel; unfortunately, however, they were all small sized fish, a large number being *grilse*. It would appear that the large, full grown salmon, take the two larger

thwarted. For the countless thousands of these large, (at other times) voracious fish on their journey up to their nurseries to reproduce their kind, would meet their broods of young of the former years coming down as "parrs," as "smolts," to the sea and devour them, thus actually destroying the very object for which the Great Creator had originally so wisely ordained all things.

and deeper parts of the river, called the north and south channels. In each of these, several important fishing stations are located. They are held by lessees from your Department, with whom from the first it was contemplated to make arrangements by which the necessary supplies (over and above those taken at our station) of salmon would be obtained to stock the hatchery with eggs.

At the present time negotiations are in progress by which two of the best salmon stands on the north channel, quite near to the retaining pond, will be obtained. From these, judging from the usual annual returns of fish taken at them, it is confidently expected that ample supplies of breeding salmon will always be had in future years.

Of the above number of fish secured, only seventy-eight (78) were females; the balance were made up of males and grilse, and the fish throughout were of an unusually small size; consequently they yielded a less number of eggs than the average quantity generally obtained from the Restigouche salmon. Seven hundred thousand (700,000) ova were the total number gathered. These were deposited in the hatchery at Deeside, where, from last accounts, they were in a healthy state and doing very well. The returns show a crop of nine hundred and forty thousand (940,000) salmon fry, from the eggs laid down in the fall of 1883. These were distributed widely. Two hundred thousand (200,000) were put in the Nipissiquit River through the instrumentality of Mr. Burns, M.P., for Gloucester County. The work of planting these fry was performed most satisfactorily, being aided by the zealous efforts and personal assistance of J. DeWolf Spurr, Esq., of St. John. This gentleman expressed great satisfaction with the healthy state of the young fish after their journey by railway from Metapedia, and the safe delivery of them afterwards in the upper parts of the Nipissiquit river. In addition to this lot of fry, and the forwarding of 400,000 eggs to the St. John river hatchery, there remained some 740,000 fry, which were planted in the waters of the Patapedia, Upsalquitch, Metapedia and main Restigouche, making a total of 940,000 fry and 400,000 vitalized eggs put out of this hatchery in 1884.

Total of fry hatched spring of 1884.....940,000

Total of eggs laid down fall of 1884.....700,000

NOTE.—In the report on the Restigouche Hatchery in the appendix will be found very pertinent remarks concerning the irregular returns of salmon caught by the nets; and the excessive fishing carried on by trap-nets along the coast. A record is also given of the catch of salmon by anglers on the Restigouche, which gives the number taken at seventeen hundred (1,700) fish, weighing 37,000 pounds, or an average of about 21½ pounds each.

VIII.—GASPÉ HATCHERY, P. Q.

This institution for salmon breeding, situated on the estuary of the Dartmouth River, about three miles from Gaspé Basin, was visited by me in company with Yourself in July last. Upon an inspection of the hatchery, it was found necessary to order certain repairs. The lower flower required renewing throughout. New hatching troughs were required; other matters of minor importance needed overhauling. The improvements were at once entered upon, and were completed in time for the autumn work of laying in the stock of eggs. The officer in charge now reports the hatchery in good working order.

The retaining pond in which the parent salmon are kept till ripe for spawning, is formed by taking in a portion of a small brook several miles up river from the site of the hatchery. This inclosure has been in use for retaining salmon for several years, and has proved very satisfactory. The plan pursued is to catch the salmon from the early runs going up the Dartmouth River in June and July, by means of a trap net set just at the head of the tide water. The fish are carefully taken from the trap and put into scows through which the water passes freely, and then floated

to the retaining pond, and there kept till required for spawning purposes in October and November. They are then returned to the river when they quickly go to sea.

At the time of inspecting these works an unusually heavy freshet was running, which prevented the possibility of seeing the whole complement of fish that had been put in the pen. A small breakage was noticed in the pond, through which during the very high water some few fish no doubt must have escaped. This method of impounding parent salmon for spawning purposes is by all odds superior to the slavish and injurious plan of capturing them on the spawning beds up river late in the autumn, and wherever found practicable to apply the pond system, to any or all of the hatcheries, it should be adopted, and if it were possible to construct these ponds in places where purely tidal salt water would freely ebb and flow through them, they would be found to answer the purpose much better for keeping salmon free from disease of any kind, than when retained in fresh water, on account of the greater salubrity of the salt water for sustaining health and vigour in the fish until required for spawning. Ten years' trial in keeping parent salmon in a salt water pond at the Tadoussac Hatchery in Quebec, has proved this system to be the most effective beyond all doubt.

The number of salmon netted for the use of the Gaspé Hatchery on the Dartmouth River was smaller than usual, occasioned by the necessity of taking up the net during the prevalence for some time, of an unprecedented freshet in the river in July last; only one hundred and five (105) were taken and twenty of these escaped from the pond during the freshet, leaving only 85; of these 38 were females and 47 were males; the former gave two hundred and forty-five thousand (245,000) eggs. In order to supplement the Dartmouth River supply, twenty-six (26) salmon were netted in the Barachois River, late in the season, fifteen of these were females; they gave ninety-six thousand (96,000) eggs, thus making the total number of ova for the Gaspé Hatchery, three hundred and forty-one thousand (341,000) forming an average to each fish of six thousand four hundred and thirty (6,430) eggs. The officer in charge reports the stock of eggs in good condition at the present time. A large percentage of young fish were hatched from the ova laid down the previous season of 1883; eight hundred and fifty-nine thousand (859,000) salmon fry were distributed from the Gaspé Hatchery, in the spring of 1884 in the Dartmouth, York, St. John, and Grand Rivers, in the County of Gaspé. A satisfactory evidence is here given of the benefits arising from the planting of young salmon in the Grand River which were obtained from the hatchery. Colonel Walker, a well known angler, is lessee of the Grand River, he writes thus: "I think it an ascertained fact beyond doubt that, the majority of "salmon now being caught in this river, are the result of stocking it with fry from "the Gaspé Hatchery."

Total of fry turned out spring 1884.....	859,000
Total of eggs laid down fall of 1884.....	341,000

IX.—TADOUSSAC HATCHERY.

This establishment is located alongside a little nook, or cove, surrounded by the rocky banks of the Saguenay River, just at its entrance into the St. Lawrence. The works are somewhat extensively formed here, consisting of a large building with two floors fitted up with hatching troughs, tanks and other apparatus, for conveniently breeding young salmon on an extensive scale.

The building stands upon a pier or wharf alongside which the Saguenay River steamers regularly call during navigation. The water for hatching purposes is supplied from a small lake among the rocky hills in the rear, at an elevation much higher than the site of the hatchery. A small brook forms the outlet of the lake, and runs through a deep fissure of the rocks, where several small nursery ponds are formed at intervals. From thence it is carried by means of an inclosed dall into the

building, and through the breeding troughs, and thence falls directly into the little salt water cove, or tidal waters of the Saguenay.

This small cove, or inlet, covers an area of about an acre, and is shut off from the open river by a weir across its outlet, thus forming a complete pen, or reservoir, in which the parent salmon are securely kept from May and June till spawning time in October and November. The ordinary tides here are about six feet, and at the ebb and flow rush rapidly in and out through a narrow gateway in the weir, forming, as it were, the rapid current of a river, in which, during the running of the tides, the salmon leap and play about, as if in their native river.

These salmon are captured in the ordinary kind of nets set along the coasts only having small meshes in the trap, which prevents injury from gilling, and from abrasions, so frequently caused by the usual regulation nets; they are then carried in lattice work scows to the cove, where they remain during the whole season in purely salt water; and it is found, after a thoroughly practical trial of this system for many years at this establishment, that not only are losses of the fish hardly known, but it is also an ascertained fact that these parent fish are less liable to disease of any kind, and that their eggs are fully more certain of impregnation, than where collected at any of the other establishments. From these well established facts the recommendations in the foregoing report upon the Gaspé Hatchery were offered, viz "That salt water reservoirs should be built in connection with such of the salmon nurseries, where it would be found practicable to do so." It has nevertheless been held by scientists and others who have written, or expressed opinions on the nature and habits of the salmon, that the ovaries of these fish would not mature in salt water; basing their conclusions, very justly too, upon the well-known fact that these fish invariably resort to the fresh water parts of rivers and streams to form their nests and lay their eggs, and also that a sojourn of some indefinite period of time in fresh water was absolutely requisite to ripen the eggs sufficiently for due impregnation at the time of spawning. The operations at the Tadoussac Salmon Hatchery have undoubtedly upset this old theory. Not only are the experiments at this nursery conclusive upon this subject, but it may be also added that, from a practical study of the habits of the salmon, it has been found that, at many of the smaller streams which empty directly into the sea, salmon will remain outside in the salt water till October and November, when, at the full maturity of their ova and milt they will rush up these streams, forcing themselves at times almost out of the water on the shallows and bars formed from drought and other causes, and in some cases they will only spend a few days, or even hours, in the performance of spawning and then return to sea again.

This hatchery, with its reservoir, dams, ponds and works generally, were thoroughly inspected by me, in company with Yourself, in July last. The usual annual cleaning of troughs, varnishing of trays, etc., was then going on. Some small repairs were requisite upon the dams which formed the small nursery ponds. The general status of the whole establishment, however, was at that time satisfactory. Some casualties are reported since from the results of a heavy gale, and high tides in the middle of November, doing damage to the wharves around the building. This, with some repairs to the floors and tanks in the hatchery, will be required next year. The isolated position of these works, shut up as it were from the outer world from the close to the opening of navigation, making seven or eight months of almost arctic weather, gives additional anxiety to the officer in charge of this hatchery for its safety during the inclemency of winter. From the cautious forethought, however, of Mr. Radford, success has very fairly attended this institution from its commencement.

Two hundred and seven (207) parent salmon were caught outside the Saguenay, in the St. Lawrence, and placed in the cove, or reservoir above mentioned. The stormy weather prevented satisfactory fishing with the nets, and reduced the usual catch of fish for this nursery. Here, as well as at all the hatcheries, the salmon proved to be of smaller size than in former years. One hundred and seven (107) were females; from these seven hundred and seventy-five thousand (775,000) eggs were

placed on the hatching trays. An average of seven thousand two hundred and fifty (7,250) eggs were got from each female. They were under-sized fish, only averaging about eleven pounds each. The officer reports these eggs in good condition, with a very slight percentage of loss up to the present time.

Nine hundred and eighty-five thousand (985,000) salmon fry were distributed from the Tadoussac Hatchery during the season of 1884, in the following rivers: St. Margaret North-West Branch, St. Margaret North-East Branch, Petit Saguenay, L'Anse St. Jean, and Petit Isle Rivers, and in the small streams running into the lake, and nursery ponds near the hatchery.

Total number of fry turned out in spring of 1884.....	985,000
Total number of eggs laid down in the fall of 1884.....	775,000

X. — MAGOG HATCHERY.

The original Magog Hatchery was built at the outlet of Lake Memphramagog on the Magog River. It was intended more especially for the artificial breeding of salmon trout, commonly called “lunge” in the Eastern Townships of Quebec. The works were nevertheless well adapted for the rearing of other descriptions of fish. White-fish, salmon, and trout eggs, in large numbers have been sent to this establishment from its commencement with success, from the Newcastle Hatchery in Ontario.

The site originally selected and built upon proved to be well adapted for fish breeding purposes, having every convenience necessary. But from the action of the company owning the surrounding property and water privileges, the first site was changed for one lower down the river. The location of this new site, and all matters relating to the substituted establishment were selected, and carried out by your late commissioner, W. F. Whitcher. I cannot speak from personal knowledge of anything relating to these newly erected works, as I have not seen them. The officer in charge however, reports “everything in good order so far as relates to the “hatchery buildings, machinery, and water; but, still further work in the building of “fences around the grounds, and the construction of pens, may be required.”

The extensive chain of lakes and streams, so widely spread throughout the region of the Eastern Townships, once famous for their abundant supplies of fish, but latterly almost depleted, urgently demand the most vigorous application of the law, for their protection. Strenuous efforts should also be put forth to restock and improve these waters, with the more valuable kinds of fish, both by the natural, and artificial methods of propagation.

The operations at the Magog establishment in the fall of 1883, amounted to a catch of one hundred and eighty (180) salmon trout (lunge). The female portion of these, gave one hundred and fifty thousand (150,000) eggs, which were laid on the trays. Difficulties of an unfortunate nature transpired with these eggs, brought about by the “Magog Water Company” only partially completing their lower dams, which prevented operations being carried on in the new hatchery, and also seriously affected the work in the old one by overflowing the floors at times several feet in depth; eventually necessitating, as the officer in charge reports, “the planting of the fry before their full development in Lake Memphramagog.”

The business of catching parent fish last fall in Lake Memphramagog was somewhat unsuccessful, on account of stormy weather, which prevented the use of nets at the time the fish were on the shoals and spawning grounds; consequently a very trifling supply of eggs had been obtained, and the officer in charge reports that:— “He will have to depend upon other sources for a supply of eggs.”

With regard to the benefits which have resulted from the work already done at the Magog Hatchery, reference is made to several letters in the Magog report in the Appendix, where it will be found that satisfactory statements are given by several residents relative to improvements in the fisheries, and credit is there given to the Magog Hatchery for a large share of this success.

PROVINCE OF ONTARIO.

XI.—NEWCASTLE HATCHERY.

This establishment was the primary institution built in Canada for the artificial propagation of fish. At first it was commenced in a small way, as an experimental nursery for rearing salmon. This first venture proved to be of an eminently practical and satisfactory character, and has been applied since to the several Provinces in the Dominion by the construction and complete working of twelve fish-breeding establishments.

The original experiments with salmon eggs quickly spread to other species of fish, such as white fish, salmon trout, pickerel (dore, or wall-eyed pike), black bass, and other fresh water fishes. The ova of these fish have been extensively hatched at the Newcastle Hatchery, where the operations have grown to the rearing and distributing of many millions of fry annually.

Of late years the whole working capacity of this hatchery has been directed to breeding fish of the greatest commercial importance to, and most suitable for, the waters of the inland lakes and rivers of Ontario; consequently the rearing of salmon has not been pursued here for several years past. Being of the anadromous or migratory species, they enter streams to lay their eggs for reproductive purposes. These breeding streams have become so changed of late in temperature and purity during the hot summer months as to cause the death of young salmon; hence the discontinuance of artificially breeding a description of fish in this nursery that practical experience has shown cannot withstand the climatic effects upon the generally reduced flow of water in the streams of Ontario.

From the experiments worked out at this establishment, a thoroughly practical system of artificial fish culture has been originated in Canada, and many of the most highly approved kinds of apparatus used in fish-breeding have been invented. This system and these appliances are used in all the establishments of the Dominion; and likewise in many other fish-breeding institutions in different parts of the world. A complete working section of the system in use at this nursery was put in operation at the "Great International Fisheries Exhibition, London, 1883," where its practical utility and superiority over all other methods was demonstrated by the hatching of young salmon, and growing them to parrs, during the six months period of the exhibition, and by obtaining the gold medal and diploma for the best and most complete fish-breeding establishment in the exhibition.

Repairs to Building.

It was found absolutely necessary to make many repairs and renewals of certain parts of the building and machinery connected with this hatchery. The constant moisture to the sills, floors and parts of the building during the past twelve years, had produced decay to such an extent as to demand a complete renewal. This work, together with making new hatching troughs and tanks throughout, and repairing of conducting pipes and waterworks, was performed during the past summer. These improvements now put the hatchery in a perfect and permanent position, and will ensure its reliability for all purposes for many years to come.

With the increased demand for young fish from this establishment for stocking numerous waters in Ontario, and for the greater safety for keeping them in a more healthy state after emerging from the egg, until the time for distributing them; and for supplying the ponds with colder and purer water than is obtainable at the present time; it will be found absolutely necessary to devise means for procuring a certain supply of pure spring or well water, and the only plan which presents itself to accomplish this end is the boring for an artesian well, from which it is contemplated this want of pure water would be overcome. These artesian wells are now being utilized in many sections of the country, and are cheaply made; one sunk here would render essential service in the proper working of this establishment, and should be entered upon at once, or so soon as the early spring will permit.

Carp Ponds.

Demands for carp to stock waters in the Dominion are being frequently made. To meet this want it will be necessary to improve the present ponds by deepening them sufficiently to ensure the safety of the parent fish against the extreme frosts of winter. A trial was made in breeding these fish in 1881-82 by obtaining a number of very small fry from the carp ponds at Washington, D.C.; these were donated to your Department by the kindness of Prof. Baird, whose generosity in similar matters has often been experienced on former occasions. Some of these carp grew very rapidly during the first summer, but nearly all succumbed, from the ice penetrating to the bottom of these very shallow ponds, by the severity of the winter. A few specimens were found in the spring of 1883 weighing a couple of pounds, which shows the rapid growth of these fish even under adverse circumstances; there is no doubt if the ponds had been sufficiently deep in the centre to prevent freezing to the bottom, large quantities of these fish could have been distributed throughout the country from the stock originally obtained. The carp are very prolific and flourish even in turbid waters of a high temperature; on this account they would be well adapted for many waters in this country unsuitable now for the rearing of the salmon family. The expense in deepening these ponds would not be much; by drawing off the water in the early spring, exposure to the sun would dry them up sufficiently when the work could be performed cheaply and expeditiously during next summer.

Collecting Eggs.

Increasing difficulties are being experienced annually in relation to procuring requisite supplies of salmon trout eggs for the uses of the Newcastle Hatchery; with the more numerous demands that are made every season by Representatives from all parts of the Province to procure young fish to stock and improve the rapidly declining fisheries of the country, comes also from certain localities strong opposition to the system pursued by your Department in granting permits to officers of this institution to obtain fish and fish spawn during the close time.

In meeting these objections which, if literally applied to all the fisheries of the country, and if by "close time" is meant "spawning time," which no doubt was the original intention of the term; then the objections hold good, and the admitted injury to the fisheries from this cause should be immediately prevented. For it is conclusive to the minds of all persons practically acquainted with the fisheries of the country and the habits of the fish that, this constant destruction of fish during their breeding seasons has been and is now the chief and paramount cause of the great falling off of the fisheries in many localities, and the total destruction of them in other places; and not until a thorough change is made, with regard to the times and modes of capturing fish in the waters of Ontario (and it may be added in the other Provinces also) together with an absolute enforcement of the law appertaining to the same, beyond the interference of local or party influences, can it be expected that any improvements whatever will take place in the more important fresh water fisheries of the country; but on the contrary they must and will go on declining, year after year, until they become so depleted of the better descriptions of fish as to be wholly given up for commercial purposes.

Notwithstanding the complaints which have been made concerning the taking of fish and fish spawn during the "close time" through permits from your Department, no diminution takes place during the same time in the fishing carried on by the fishermen in the neighbourhood from whence these complaints originate. It is well understood, through a tacit consent of the overseers, that nets which are set in the open season may be taken up during the close season; whereupon every available net is sure to be put down just before the close time commences. Several days may pass before these nets are lifted, especially if stormy weather prevails, which is usually the case about the beginning of November; in this way the nets may remain out during the greater and in some instances the whole period of the close season; so that let the weather be favourable or unfavourable fishing is actually going on,

more or less, during the whole period forming the close season, namely, from the 1st to the 10th of November, thus practically demonstrating the statements generally made and believed in by the fishermen themselves that, rather than have a "close time" so short and "so violated," better not have one at all.

A close time that would prove to be of service for the maintenance of the salmon trout fisheries of the Province, should commence about the 15th or 20th of October and continue until about the 15th or 20th of November, or it might run to the 1st of January, or the 1st of April following, for practically speaking no fishing can well be or in fact is, pursued after the 20th of November, on account of cold, inclement weather. Every honest conscientious fisherman will endorse this view of the matter to be correct; and he will furthermore say that the losses in nets, boats, time and fishing gear generally, after the 10th of November, are in the great majority of cases fully more than the profits, and if a close time as above named were made and enforced to the very letter throughout the Province everywhere alike, it would be in their interests to have it done. But as the close time at present is so short and only nominal in its application, and may be kept or violated at pleasure in certain sections of the country, depending upon the nominal surveillance and, in some instances, tacit permission of the fishery overseer, whose occupation may be such and his residence so distant from the fishing point, that little or nothing is known about these infractions of the law.

Some of the more shrewd and crafty fishermen, and others engaged in the fishing trade, whose interests are wholly identified with the catch and traffic of fish for the present time only, and not caring for the future welfare of the fisheries of the country, represent to your Department and to the legislators of the country that close seasons for fish are unnecessary; or, if required, they should be so fixed as best not to interfere with the fishing trade, or their avaricious desires to capture them, when most numerous congregated together for actual spawning purposes. Again, they say why hamper us with fishery laws and close seasons, when artificial culture is turning out annually so many millions of young fish from the hatcheries? Here again is another cunning pretext to obtain further license to kill and destroy fish at all times, by putting forth the fallacy that artificial breeding can outdo and supplant nature in the maintenance of the fisheries of the country.

Artificial breeding of fish can be made, and is no doubt a decided auxiliary to the natural production, but its benefits should not be over-rated to such an extent as to make its results fabulous. This view is nevertheless disseminated by persons having directly opposite ends to serve and from different motives. The enthusiastic well-wisher, for the maintenance of the fisheries for the present and the future, or entering the nursery and seeing millions of newly-hatched fry in the breeding troughs, at once heralds forth the idea that the effect of the fish-hatcheries will be to fill the waters of the country again with fish, as of former years. And the greedy calculating fisherman, caring nothing for the benefit of the fisheries in the future but only how he may obtain the greater number for the present to enrich himself also becomes the strong advocate of artificial fish-breeding as a speedy means of replenishing the waters; and with this pretext, he pleads for the abrogation of all restrictions and close times for protecting fish, in order to partake of greater freedom in the exercise of his cupidity in the destruction of greater quantities of them.

There are also public and private bodies and individuals, who express much interest for the welfare of the fisheries: each, however, taking in many instances divergent views of the matter. Some corporations in which numbers of fishermen reside advocate fishery laws, and particularly "close seasons," to be so framed as to suit the wants and conveniences of the poor fishermen, as they are styled. These "wants and conveniences" mean simply a greater privilege to capture the pregnant mother fish, laden with fruitful eggs, as they approach the shallower waters near the shores to lay their ova for increasing their species. And so it is with many individuals, who daily see hundreds and hundreds of gravid fish caught and placed in the markets for sale, with thousands of ripe, fruitful eggs streaming from their bodies and yet pass them by without notice or comment; but if some comparatively trifling

infringement of the law takes place, or if in carrying out a necessary work to supply eggs for the hatcheries, strong objections are raised by fishermen and others for interfering with the Fisheries' Act. But go to the cities and towns, visit the fishing grounds, the wharfs and landing places, where fishermen catch and bring in their fish in October and November, and there will be seen thousands of salmon trout, mother fish, laden with ripe eggs; and the fishing stalls, boats and the men themselves besmeared with ripe fish eggs which have been extruded from the bodies of the fish just captured—yet not a word is said about it.

Now all this could not take place were a "proper close time" established; neither would gravid, unwholesome food of this kind be thrown upon the markets for consumption, and instead of the hundreds of millions of ripe eggs which are destroyed in this way, they would be laid on the natural spawning grounds, where the proportion husbanded by nature would produce immense crops of young fish, which in due time would grow to maturity, and supply a sure means of sustaining a reasonable traffic in fish, not only for the present time, but for the future.

No defence will be put up for taking mature fish from the spawning beds during the close season even for the hatcheries, for in any case the killing of ripe, pregnant fish cannot be upheld. But if the fishermen are allowed to take the salmon trout in thousands upon thousands for the markets of the country during the very hottest period of their spawning time, and also in many cases all through the nominal close season, the securing of a few of these same fish at this time, for stocking the Government hatcheries with eggs, cannot fairly or reasonably be objected to.

But if the exigencies of the case require a change from the method hitherto adopted in getting supplies of ova for the hatcheries, the only course which presents itself as likely to succeed will be to adopt similar measures as are in use at Tadoussac, Gaspé, and the Restigouche for obtaining parent salmon for stocking those institutions with eggs. It will be difficult, however, to conclude until an experiment is made whether the salmon trout of our lakes can be dealt with in like manner as the salmon of the sea, as the latter are of the migratory species, leaving the salt water for fresh water rivers only for breeding purposes, and from the peculiarity of their nature in taking no food while in fresh waters, they can, therefore, be retained in reservoirs or ponds of limited size, without entailing any expense or trouble in keeping them through the summer till spawning time, except protection from marauders and others. The salmon trout on the other hand do not leave the lakes for rivers, but resort to shoals and reefs in certain parts of the lakes, generally near shore, where they congregate in great numbers in order to perfect their spawning operations by close commingling of their sexes. During the summer and up to the spawning time they are constantly feeding. It will, therefore, be somewhat doubtful whether similar success will attend impounding salmon trout in small areas of water for artificial breeding purposes, as has resulted from this procedure with the salmon of the Maritime Provinces.

If therefore it be intended to thoroughly protect and improve the lake fisheries of this Province by setting aside proper "close seasons" to cover the actual spawning times of this most important commercial fish of the lakes, without molestation of any kind; it will be necessary at the same time to make arrangements for securing some suitable inlet, or bay, where it could be surrounded in some manner, so as to form an extensive inclosure, or pen, in which large numbers of salmon-trout could be securely impounded till they became ripe for spawning. This plan would necessitate the procuring of suitable trap-nets, and other material, and also employment of fishermen to work them, in order to capture such numbers of fish during the open season, as might be required to furnish the necessary quantities of eggs for the hatcheries; by these means it might be practicable to satisfy the numerous demands which are annually made upon your Department, for young fish to fill depleted and other waters in the country.

If however on the other hand the same policy is to continue, by having simply a nominal "close time" and that fishermen will still be permitted to kill salmon trout in the same wholesale manner now practised during the spawning time of these fish. Surely the officers of the fish breeding establishments should also be allowed

to continue the system hitherto adopted for getting their supplies of fish-eggs, for the several Government fish hatcheries. With a comparison made of the effect produced upon the fisheries, by these two operations at the spawning time, the result would be that, the fishermen in the capture of every female fish of an average of four pound weight would destroy about three thousand (3,000) fruitful fish eggs, ripe and ready to be laid for multiplying their species. The officer of the fish hatchery might, or might not kill the parent fish, but in either case would save the 3,000 eggs, from which he would return to the waters of the country at the very lowest calculation 2,000 living fry. Further proof, nor reasoning is necessary, to convince even the prejudiced mind, in favour of protecting the valuable food-fishes of the country by establishing proper close seasons in which these fish may escape the inhuman slaughter they are subjected to, while engaged in the very act of multiplying their numbers for the rational, not the avaracious, or destructive uses of mankind.

Crop of Fry and Eggs.—Season of 1884.

The quantity of ova obtained for the Newcastle Hatchery the past autumn, was not as great as in 1883. This falling off was occasioned by the great difficulty experienced in getting the ordinary supplies of parent fish at Pigeon Island, in Lake Ontario; and in the Georgian Bay, in Lake Huron; rough, inclement weather prevailed, this coupled with difficulties concerning the taking of eggs in the close season caused a less number of eggs to be gathered. There were, however, about four millions (4,000,000) of salmon trout ova obtained at the above named places; these at the present time are in a very healthy condition. There are also some three and a-half million (3,500,000) of white fish eggs in process of hatching in the incubators; these were obtained from the Sandwich establishment. In addition to these, there are also about fifty thousand (50,000) speckled trout eggs, which were got from the Tadoussac Hatchery. These give a total of seven million five hundred and fifty thousand (7,550,000) eggs of all kinds in the Newcastle Hatchery.

A very large and satisfactory crop of young fish of various species were turned out of this nursery last spring or season of 1884, they were of the following kinds, namely:—

Salmon trout—Five million one hundred and fifty thousand (5,150,000).

White fish—Three million five hundred thousand (3,500,000).

Speckled trout—Fifty thousand (50,000).

Black bass—One hundred thousand (100,000).

These fry were distributed (particularly the young salmon trout) in almost every county in Ontario, where water areas were of sufficient magnitude, and of proper adaptation for their future development. Some of the fry were also distributed in the Province of Quebec; and a lot of the white fish ova were sent to lakes in Scotland, at the request of the Marquis of Lorne, where they arrived in splendid condition, and after hatching were placed in some of the Scottish lochs on the Marquis' estates.

Reference is made to the report of the officers in charge, in the Appendix, where a detailed account will be found of the numerous points where young fish were distributed from this hatchery, and where suggestions are offered regarding the plan for the distribution of fry in the future.

Total number of fry of all kinds turned out of this nursery during the season of 1884.....	8,800,000
The total number of fish eggs of all kinds laid down in this hatchery in the fall of 1884, was.....	7,550,000

XII.—SANDWICH HATCHERY.

This somewhat extensive nursery was originally built for the artificial propagation of white fish, but in addition to this species large numbers of lake pickerel (wall-eyed pike, dore) (*lucioperca*) have of late years been hatched at the Sandwich Hatchery. The establishment is located just below the Town of Sandwich, on the Detroit River, and is worked by steam as the motive power for pumping water from the river to run the glass incubators for hatching fish eggs and for all other purposes of the institution.

The glass self-picking jars used here are the outcome from the first and original self-picking and self-cleaning fish egg incubator invented. The primary patent of invention was obtained for Canada and the United States by the Department in April, 1876, in the name of the original inventor as "Wilmot's combined fish egg incubator, 'being a self-picker and self-cleaner, worked with an upward or downward flow of 'water at pleasure; manufactured of metal, glass, or earthenware.'" Since which time several improvements have been made in the mechanism of the jar or hatching vessel, but the original idea for constructing an automatic fish egg incubator has not been interfered with.

This method is now almost universally adopted as the best appliance for hatching the smaller kinds of fish eggs, and those of a buoyant and semi-buoyant nature. This principle is no doubt yet destined to be the medium, under certain modifications, by which fish eggs of every description will be artificially hatched in the future.

There has been turned out of this hatchery since its commencement, in 1876, up to the present time, upwards of two hundred millions (200,000,000) of young white fish and pickerel. Of this number one hundred and fifty-eight million nine hundred and forty thousand (158,940,000) were white fish and seventy-seven millions (77,000,000) were pickerel; making in all a grand total of two hundred and thirty-five million nine hundred and forty thousand (235,940,000) fry of two valuable descriptions of fish, that are of great commercial importance to the country.

It is too often found that the sceptic in ignorance, party fervour, or self-conceit will decry the very best of undertakings which, just for the time, may not show immediate results to gratify his covetous desires or subvert his envious feelings. This spirit has been shown in some instances in the Dominion against the science of artificial fish-breeding by certain writers and others of that character, simply because they cannot comprehend, nor do they wish to rationally consider the practical bearings of the subject; they merely jump at hasty conclusions, because they cannot, perhaps, either see, catch or enjoy the fruits of an industry just at the call of their own hasty will and pleasure. Nevertheless, here from one establishment alone, within the past few years, an actual saving of upwards of two hundred millions of young fish, bred by this somewhat decried method, have been distributed in many of the waters of the country, everyone of which would otherwise have been irrecoverably lost. Now from this large yield of young fish over and above every other source of production, it must surely be held that, in the ordinary course of nature, a certain percentage of them must not only have reached the adult state to reproduce their species, but also must have materially assisted in upholding the general supply of fish food required for domestic purposes and commercial traffic.

In evidence of the above reasonable conclusion, it may be stated here that certain numbers of the eggs which produced a portion of the above-mentioned quantity of young fry, were transferred from the Sandwich hatchery to other nurseries in the country where the fry were hatched and transported hundreds of miles away to waters in which these fish were not indigenous or in fact were never known before, and there it is known, without doubt, that they have grown to a sufficient size to be caught and used for food. There are instances also in which white fish have grown from the egg state upward to quite a size, even to a pound weight, in small artificial ponds with a surface area of only a few feet. Now, with this undoubted evidence of the growth of artificially bred white-fish from a few thousand of these eggs to edible or adult size in ponds and lakes in which they were not indigenous, what right has

the sceptic or the selfish opponent to artificial fish culture, or in fact anyone to doubt the benefits to be derived from the hundreds of millions of other fry which have for years past been planted in the pure waters of our magnificent lakes where it has always been their habitat for reproductive purposes and all other requirements of their nature.

It is pleasing however to find that, in the immediate neighbourhood of the Sandwich Hatchery, the greatest satisfaction is expressed in favour of its usefulness. A memorial will be found attached to the Sandwich report in the Appendix, setting forth the views entertained by the leading persons of that neighbourhood who "desire" to express their belief in the benefits which are derivable, and which have been "realised from the large number of young white fish and pickerel which have been bred and turned out from the Government fish hatchery at Sandwich; and further that, the Government in its wisdom is looking to the interests of the people of the country in the maintenance of the said hatchery."

Distribution of Fry.—Spring of 1884.

In summing up the operations at Sandwich for the past year it will be found that in the spring of 1884 some ten millions (10,000,000) of young pickerel were hatched there and distributed in the Detroit and St. Clair Rivers, and that in addition to these pickerel fry, twenty-seven millions (27,000,000) of young white fish were bred and planted in the following named places:—At Peach Island, Fighting Island, Bois Blanc Island, Belle Isle, and opposite the hatchery in the Detroit River: at Leamington, Pelee Island, Port Stanley, Pigeon Bay, and at points in Kent County, on Lake Erie: at Meaford, in the Georgian Bay, and at Niagara and other places on Lake Ontario.

Collection of Eggs.—Fall of 1884.

During the past fall there was obtained for this hatchery upwards of fifty millions (50,000,000) of white fish eggs. They were collected at the Bois Blanc Island and Stony Island fisheries. These were put in the incubators in good order. The officer in charge says: "These eggs are looking well and are in a healthy condition, and from the satisfactory working of 'Wilmot's Automatic Glass Jars' I expect to hatch a large percentage of fry in the coming spring of 1885."

Improvements.

An inspection of the Sandwich establishment was made by me last summer. The steam engine, pumps, machinery and appliances generally, were in a fair state of repair. The recommendations formerly made for procuring another engine to supplement the present one in case of accident, or emergencies of any kind, were more strongly impressed upon me than before; as also the want of a larger conducting pipe for carrying water into the hatchery from the river. These necessities are indispensably requisite to insure perfect safety during the period in which the process of hatching is going on, with the millions of eggs that are put in the incubators of the Sandwich Hatchery annually.

The breakage of any part of the engine from any unforeseen cause, would prevent the working of the pumps and consequently a stoppage of the flow of water through the eggs in the incubators. In the event of any misfortune of this kind, which might take place at any moment, the whole supply of eggs in the nursery would undoubtedly be lost, but with a supplementary engine at hand a disaster of this serious nature would be prevented. With regard to the enlargement of the water supply with the present conductor pipe, temporary repairs have been made to last over the present hatching season, when a new pipe will be laid down next summer.

An additional supply of these "automatic glass incubators" was obtained last fall to meet the requirements of the increased quantity of eggs collected. These jars

were set up in a temporary manner with the view to their being re-arranged at the time of the general repairs proposed to be made in the establishment next season.

Total number of young white fish turned out in the spring of 1884 27,000,000

Total number of young pickerel turned out in the spring of 1884 10,000,000

Total number of white fish eggs laid down in fall of 1884..... 50,000,000

REMARKS ON THE APPLICATION AND RESULTS OF ARTIFICIAL SALMON CULTURE IN THE SALMON FISHERIES IN THE MARITIME PROVINCES.

Artificial Salmon Culture. Its practical application, and results on the Salmon Fisheries in the Dominion of Canada; with extracts from official reports, and remarks thereon.

The following statement of returns and figures relative to the salmon fisheries of the Maritime Provinces in the Dominion of Canada for 1881, 1882 and 1883, will show the increase in the catch of salmon in districts where artificial propagation has been applied; and the comparative decrease in the salmon fisheries where the operations of the breeding establishments have not been applied.

In order to give information relative to the application of these fishery returns and figures under consideration, and to explain why the official reports of 1881-82 and 1883 are specially referred to, it will be necessary to state that they are the latest public records from which it would be possible to obtain the desired authentic information, and that they also cover the probable periods when the first realisation of beneficial effects would be felt in a limited way from the planting of artificially bred salmon in the rivers and streams of the several fishery districts herein referred to.

These particulars are taken from the official reports forwarded to your Department by the Inspectors of fisheries in these Provinces, and from the returns of numerous fishery overseers, all of whom have no doubt given their information from public motives, and for the general welfare of the fishing districts under their immediate jurisdiction, irrespective, too, in most instances of any knowledge by the overseers of the operations of artificial fish breeding being applied to many of the rivers, streams and fishery divisions reported upon.

It is somewhat remarkable that the fishery reports containing this information had not been examined in a cursory manner, at least, by certain critics before the uncalled for remarks were uttered against artificial fish-breeding by certain representatives in Parliament, by contributors to the press, wholly ignorant of the subject; and by present and past officers of your Department, all of whom, from motives best known to themselves (certainly not in the interests of the country), thought proper to condemn a young and growing industry in the Dominion before it had reached the full period when its usefulness could be shown and felt especially, too, when at the same time as a matter of fact, and of history, it was known that unmistakable benefits had resulted from its operations, not only here in Canada but also in many of the leading countries in the world where the science of artificial fish culture was extensively carried on and generously fostered by the State. And furthermore when it was also known that from this industry had sprung "The Great International Fisheries Exhibition, London, 1883"—an exposition unparalleled for its wonderful exhibit of all fishery appliances, and unique as an educator to the world regarding the immense sources of food and of wealth obtainable from the water; at which Canada stood especially foremost among all the nations for her superiority in the practical display of the methods of artificial fish-breeding, and succeeded also in carrying away from all other competitors there the highest possible award—"The Gold Medal and Diploma for the best and most complete Fish-Breeding Establishment in the Exhibition."

The annual reports, and the statistics alluded to will show:—

(1.) That in the fishery divisions of the Counties of Gaspé, Bonaventure, Restigouche, and Gloucester, in the Provinces of Quebec and New Brunswick, which

border upon the Bay des Chaleurs, where the benefits from the Gaspé and Restigouche salmon hatcheries have been regularly applied since their commencement in 1874, and 1875, the official returns from 1881 to 1883, inclusive, show an increase in the catch of salmon in those counties collectively as follows:—

40½ per cent. increase in 1883 over 1881.

34½ per cent. increase in 1883, over 1882.

(2.) That in the Gaspé sub-division, in the Province of Quebec, which takes in the several rivers which have been stocked with salmon fry from the Gaspé Hatchery the official returns from 1881 to 1883 inclusive, show a continuous increase in the catch of salmon there as follows:—

211 per cent. increase in 1883, over 1881.

84 per cent. increase in 1883, over 1882.

68½ per cent. increase in 1882, over 1881.

(3.) That in the Restigouche sub-divisions, partly in Quebec and New Brunswick, which take in the tidal portions of the Restigouche River, and a part of the estuary fishings; where the proceeds of the Restigouche salmon hatchery have been regularly applied; a steady increase in the salmon catch is shown by the returns as follows:—

41 per cent. increase in 1883, over 1881.

45 per cent. increase in 1883 over 1882.

(4.) That in the North Shore divisions in the Province of Quebec, namely: Godbout, Trinity, Moisie, Mingan, Natashquan, Washeccotsi, St. Augustin, and Bonne Espérance; where no benefits from artificial salmon breeding could be applied (except on the Saguenay River); the returns from 1881 to 1883 inclusive, show the catch of salmon to be as follows:—

3½ per cent. decrease in 1882 under 1881.

24 per cent. decrease in 1883 under 1882.

That while the above named North Shore divisions collectively, show a falling off in the catch of salmon; yet that portion of the Saguenay division, which takes in the salmon fisheries of the Saguenay River; where the proceeds of the Tadoussac Hatchery have been given to its branches; the same returns, within the same years, show an increase as follows:—

66 per cent. increase in 1882 over 1881.

115 per cent. increase in 1883 over 1881.

(6.) That in the Northumberland fishery district in the Province of New Brunswick, which takes in the estuary and river fisheries of the Miramichi River, upon which a salmon-breeding establishment has been in operation since 1875, the returns show an increase from 1881 to 1883, inclusive, in the catch of salmon thus:—

95 per cent. increase in 1882 over 1881.

15 per cent. increase in 1883 over 1881.

(7.) That in the following counties in the Province of Nova Scotia, namely: Annapolis, Cumberland, Colchester, Guysboro, Halifax, Hants, King's, Lunenburg, Pictou and Queen's, in the rivers of which young salmon fry from the Bedford Hatchery have been distributed since 1876. The official returns show a large increase in the salmon fisheries from 1881 to 1883, inclusive, as follows:—

150 per cent. increase in 1882 over 1881.

120 per cent. increase in 1883 over 1881.

(8.) That in the following counties in the Province of Nova Scotia, namely: Antigonish, Cape Breton, Digby, Inverness, Richmond, Shelburne, Victoria and Yarmouth, where salmon fry have not been planted from the hatcheries, the returns show a very small increase in the salmon catch from 1881 to 1883, when compared with the counties where artificially bred fry have been planted, as follows:—

45 per cent. increase in 1882 over 1881.

40 per cent. increase in 1883 over 1881.

Thus it will be seen that in every instance where the localities have received supplies of artificially bred fry, a large increase in the catch of salmon is shown over those that have not received supplies of young salmon from the hatcheries.

Now whilst these official returns for 1881-82 and 1883 give undoubted evidence of an increased catch of salmon in all of the districts in the several Provinces where artificially bred fry *have been planted* since the commencement of their propagation in a small way in 1875-76 and 1877; they also show a decided decrease in the catch of these fish, at the same time, in the several districts where young salmon *have not been planted*. It is nevertheless a deplorable fact that all the salmon fisheries in the Atlantic Provinces have fallen off to an alarming extent from the general returns of former years.

It is not intended to be put forth here that this improvement of the salmon fisheries in the several districts where only moderate supplies of young salmon have been deposited in the rivers from the hatcheries, has been brought about wholly from artificial breeding; and it must not be gainsaid either, that these fish-breeding institutions are not entitled to a fair share of the credit for the results shown by these returns; for it could not so happen by any law or freak of nature of an accidental or co-incidental character that such a preponderating difference could take place between the various waters that were artificially stocked and those that were supplied by the natural process alone. Therefore it is but reasonable to conclude that the improvement in the fishery divisions described must have been the result of the influences of the natural and artificial methods of propagation combined, and this is all that has ever been advocated by the practical, intelligent and honest supporter of the science of artificial fish culture, as being a most useful adjunct, and an important subsidiary aid to the natural method which has been and is now so seriously interfered with by such a multitudinous number of destructive agencies as almost to forbid the possibility or power of man to control.

I cannot find words more apposite to describe the ruin going on in the fisheries, or to give the cause and the remedy for the evil, than in a former report of the Inspector of Fisheries for New Brunswick. I therefore quote briefly from it, where speaking of the alarming decrease in the stock of all anadromous fishes that frequent the waters of that Province, he says:—"They show beyond a doubt that this decrease has been brought about by wasteful and extravagant modes of fishing in some places, and by overfishing and insufficient protection everywhere. They show that these causes are still actually at work—that fishing operations are annually extending, while protection is annually becoming less; that all the causes which follow in the train of rapidly increasing population are in full and increasing activity. They show that everywhere, except where artificial culture has arrested the decrease, the salmon fishing is in the same danger."

EXTRACTS FROM ANNUAL REPORTS.

A few extracts are here given, which are taken from the annual reports of the Inspectors of Fisheries from the Maritime Provinces, as they relate to the increase of salmon in certain localities which come under the influences of artificial culture of salmon.

PROVINCE OF QUEBEC.

Commander Wakeham, officer in charge of the Fisheries Protection Service in the Gulf and River St. Lawrence, in his report for 1881, says:—

"The first fish were of a large run, and the fishermen looked forward to a successful season, but the fishing soon fell off, and the catch of 1881 is the poorest within the memory of the 'oldest inhabitant.'

"We are quite unable to venture an opinion as to the cause of this great decrease in the number of salmon visiting our fresh water bays and rivers during these last three years. That the falling off in the salmon net fishery has been something alarming during the last three years can be shown by the following table, which includes the whole of the Gulf fishery."

He also says in his report of 1882. "That the fishing season was a poor one ; a late spring, stormy and cold, continuous heavy freshets in most of the rivers, in spite of all these drawbacks, the increase in the catch was considerable."

In his report for 1883 he says :—"The salmon fishery on the south shore in the Counties of *Gaspé and Bonaventure*, shows a considerable increase over last year, the gain being upwards of one hundred thousand (100,000) pounds. On the north shore in the County of Saguenay the fishing was poor."

REMARKS ON THE APPLICATION OF ARTIFICIAL SALMON BREEDING-TO THE NORTH AND SOUTH SHORE FISHERIES OF QUEBEC.

It will be noticed from the extracts above quoted from Commander Wakeham's report that, in 1881, the salmon fisheries within his jurisdiction in the north and south shores of the St. Lawrence were *the poorest within the memory of the oldest inhabitant*. At this time and previously, all the rivers within the above mentioned limits must have been supplied with adult fish which were bred in the natural way. But nevertheless from the returns given from the salmon fisheries, they had become reduced very low, in fact *the poorest ever known*. Now this order of things in the almost primitive state of the north shore, could not possibly have been brought about from natural causes alone ; and it would be utter folly to advocate this view of the matter, except from selfish motives. But the true causes have been :—The want of proper protection to assist and maintain nature's operations, especially at the breeding times ; the greed of fishermen, by over fishing ; the unrestricted use of the most deadly engines set everywhere for killing and unduly stopping the fish, on their upward passage to their spawning grounds ; and the destroying of large numbers of little immature salmon in weirs and nets along the coast ; and strange to relate that, notwithstanding this sad experience, these same destructive agencies for the final extermination of the salmon are still going on.

In the Quebec reports are given the aggregate returns only of all the divisions in the north and south shore fisheries of the Gulf. These divisions are made up of twelve sub-divisions, namely :—Trinity, Moisie, Mingan, Natashquan, Washeecootai, St. Augustine, Bonne Espérance, Port Daniel, New Richmond and Restigouche. The report gives the catch of 1881 as the poorest in the memory of the oldest inhabitant, and that the falling off was somewhat alarming. The report of 1882 says : The increase in the catch was considerable ; and that in 1883 the north shore fishing was poor, but in Gaspé and Bonaventure a considerable increase was shown.

Now, if the sub-divisions and smaller localities in this extensive territory, where the operations of artificial fish breeding are known to have been applied, are re-examined closely—the Saguenay River on the north shore, and the Gaspé and Restigouche sub-divisions on the Bay des Chaleurs—a very large increase in the catch of salmon in these localities will be found recorded in these same reports. But unfortunately the general falling off in all the divisions where artificial culture has not been applied almost overwhelms in the aggregate returns of the whole twelve divisions the unmistakable increase so clearly shown to have taken place in the three sub-divisions where the rivers have been stocked with fry from the hatcheries. In a comparison it is found that in the whole twelve divisions, from 1881 to 1883 inclusive, some $3\frac{1}{2}$ per cent. decrease is shown ; whereas in the three sub-divisions when taken alone—the Saguenay River section shows an increase of 115 per cent. from 1881 to 1883, the Gaspé sub-division 211 per cent. from 1881 to 1883, and the Restigouche sub-division $108\frac{3}{4}$ per cent. increase is shown to have taken place in the same period.

Now it may be fairly asked, how is it that such a wonderful difference should appear in the catch of salmon in these localities ? The question will be best answered by relating the following facts :—In 1875 the first small lot of 60,000 artificially bred fry were turned out from the Tadoussac Hatchery into the tributary branches of the Saguenay River. In 1876 another lot of 150,000, and in 1877 a larger supply of a million and upwards, were distributed in like manner in the Saguenay waters ; and this work has been going on regularly ever since. But no young fish have been put

into the rivers (lower down the St. Lawrence) which form the north shore fishery divisions of the Gulf. Again, in 1874 and 1875, the salmon hatching establishments at Gaspé Basin on the Restigouche River commenced planting their first broods of artificially bred fry in the waters of the Gaspé and Restigouche sub-divisions on the Baie des Chaleurs. These supplies were small at first, but they grew larger afterwards, and the same system has been continued up to the present time.

From these facts then, it may be claimed justly that the stocking of the waters of the Saguenay, Gaspé and Restigouche Rivers, with artificially bred fry from the above named hatcheries, may (to say the least in their favour) have been the principal agencies in bringing about these greatly increased percentages in the catch of salmon in the fisheries of these sub-divisions, and more especially so, when it is also shown that the decrease in the other sub-divisions where fry had not been planted, although small, was very remarkable.

Another very pertinent question will no doubt be asked, namely: How is it that by planting young salmon in certain rivers in 1874-75 and 1876, they can now be brought in evidence for the increased catches of salmon in the fishery stations referred to? This question may properly be put by persons unacquainted with the nature, habits and growth of the salmon; as the history and the peculiar habits of this fish, with the large masses of the community, and especially with the fishermen (whose principal aim is only to kill them), is but little known, and the latter class are less liable to become converts to the real facts than others, on account of the old traditional ideas and tales which have been handed down from father to son, concerning these fish. For instance, it is held by some of these fishermen that the salmon, after laying their eggs up stream, take back with them their broods of young fish to the sea, to return again the following year as full grown salmon; others claim that only two and three years are requisite for salmon to arrive at maturity. But when told that six, seven, eight and nine years, actually pass before they become adult fish, the statement is disbelieved and held to be a fallacy, not only by the fishermen but by many others of the more incredulous class of persons.

The growth of the salmon from the egg to full maturity is now pretty well established from experiments made in the United States, Ireland, Australia and elsewhere, to take from six to eight years, and in some instances even longer periods of time, depending largely upon the capacity of their native streams to furnish supplies of food for their earlier growth to the stage of smolts, at which time they pass down to the sea, where, again depending upon the abundance in their feeding grounds, they remain a longer or shorter period, till they ripen into full maturity, when by an instinctive demand of nature they migrate to their native streams again to reproduce their species. After performing this necessary requirement they retrace their journey to the sea, and annually perform a like round, till death follows from natural or other causes. Young male salmon, however, called "grilse," will (in many instances) return to their native rivers, as a rule, a year or so earlier than the females of the same brood, from the fact of the earlier development of their reproductive organs.

In this way then, it is answered, why the planting of artificially bred fry in certain waters in 1875, 76 and 77 might reasonably show a return of grilse and salmon in the same waters, in about five, six or seven years afterwards, namely, in 1881, 82, 83 and following years. One or two well known examples in proof of these statements are here given, which will suffice for the present:—"For upwards of half a century the Connecticut River, United States, was exterminated of salmon; in 1869 a lot of two thousand (2,000) artificially bred fry were put in the river; a second lot of thirty (30,000) was put in during 1870; in 1873 another lot of one hundred and fifty thousand (150,000) was added; in 1874 a much larger number was added, making a total during four years of about two millions (2,000,000) of young salmon that were planted in that river by the Fishery Commissioners of the State of Connecticut. In 1874 and 1875 the first successes were noticed in seeing and catching some young salmon in the vicinity of the place where the young fry were first planted; in 1876 three salmon were caught in the nets, and doubtless more were

taken; a dozen and more were taken in 1877; but in 1878 the salmon came into the river in large numbers; and by the end of the season five hundred (500) and upwards had been known to be caught in the nets; some of these weighed fifteen and twenty pounds." "Great incredulity had been manifested by most persons as to any practical results from artificial propagation, and, as year after year passed without ringing the expected run of salmon into the Connecticut, sneers and jokes, at the expense of the United States and State Commissioners, multiplied. The occurrence, however, of one or two large salmon in the Connecticut in 1876, a dozen or so in 1877, interfered with this scepticism, which was changed into enthusiastic appreciation by the appearance in 1878 of large numbers of fine fat salmon."

No better proof of the efficacy of artificial fish-breeding, as applied to the re-stocking of a depleted river with salmon, could well be given. For here we find a large river wholly barren of these fish for upwards of half a century again replenished with grilse and salmon after only a few years planting of artificially bred fry.

Salmon were not indigenous to the Delaware or Susquehanna Rivers. Artificially bred salmon fry were put in them in 1871, and following years. In 1879, Professor Baird writes thus:—"The results of the experiments of introducing salmon into the waters of the United States, are just beginning to appear, over five hundred (500) having been taken in the Connecticut, and large numbers were known to have passed up river. About twenty mature salmon have been captured in the Delaware. One of these weighing twenty three and a-half pounds, I have in my possession, I think there is little doubt that these are derived from eggs that Thaddeus Norris got from you (Mr. Wilmot) somewhere about 1871. I have also a nineteen pound one from the Susquehanna, but so far no Quinnat salmon have shown themselves. I hope to see some of them next year."

One example only will be given here of the growth of salmon in the waters of our own country, but numerous applications of the subject will be found throughout the whole of these remarks. In 1877-78 artificially bred fry were put in the upper waters of the La Have River in Nova Scotia; on account of several impassable mill-dams at the mouth of this river, salmon had not passed up it for several years. In 1882, some small sized salmon (grilse) were caught below these dams. In 1883 many larger ones were captured. In 1884 upwards of 500 adult salmon were taken during the early fishing season in the neighbourhood of these dams. From this and the former examples many more of which might be given, it is pretty clearly shown what length of time is taken by salmon to become grilse and when they arrive at maturity.

NOVA SCOTIA.

Mr. Venning, Inspector of Fisheries for New Brunswick, in his report for 1881, says:—

"The serious decrease in the catch of salmon recorded in my last annual report, as, I regret to say, been still more marked during the present year. The salmon fisheries of this Province have fallen more than fifty per cent. below the catch of former years. In all our rivers and estuaries the number of nets is excessive, and for years this fishery has been pursued beyond the power of the fish to multiply, and I can only again express my strengthened conviction that, as long as this excessive fishing continues to be pursued, no permanent improvement can be expected."

Mr. Venning reports again in 1882 as follows:—

"There has been an important increase in the catch of this fish (salmon) as compared with that of 1880 and 1881, but it falls very far short of the catch in 1879, 1878, and 1877. I see no reason, from this increase, to change the opinion I have so often put on record, that the salmon fishery of this Province has of late years been pursued to so excessive an extent, that the power of the fish to multiply cannot keep up the stock against so great an annual drain. It must be borne in mind that, the number and extent of nets now in use in New Brunswick and the number of men now engaged in this fishery, far exceeds those of former years, when much larger

catches were made. It should also be remembered that greatly improved modes of arranging and setting these nets has, of late years been developed by the ingenuity of fishermen, stimulated by the enhanced price obtained for their fish. But with all these additional nets, and with all these improvements in setting them, the combined catches of the last three years aggregate less by three hundred and thirty-six thousand and six hundred and eighteen (336,618) pounds than the single catch of the year 1873 and less by seven hundred and eighteen thousand, two hundred and seventy eight (718,278) pounds than of 1874. In the face of truths like these it is useless to deny that our salmon fisheries are threatened with exhaustion if the present over fishing is not curtailed, and it is worse than folly to expect any permanent improvement as long as this excessive fishing is pursued."

Mr. Venning again reports in 1883 on the salmon fisheries of New Brunswick thus:—

"The improvement in the catch of this fish, reported last year, has not been maintained. The returns show a decrease of 2,815,76 pounds as compared with those of last year (in the whole Province). Though the catch was slightly better than in 1881. * * * The only county in the Province which shows an increased catch is Restigouche."

Overseer Verge, of the Upper Division of the Restigouche, reports an increased catch of salmon. The figures show 78,660 pounds, against 55,183 pounds last year.

Overseer McPherson, of the Coast Division (Restigouche), also reports a better year for salmon. The returns show a catch of 128,200 pounds—an increase of 38,792 pounds over that of last year, of 1882.

Warden Phillips, of Canaan River (Queen's County), reports that quite a nice run of salmon ascended that stream. * * For several years in succession quotas of young salmon from the Miramichi hatching house were placed in this river and also in Salmon River, emptying into Grand Lake. Had any of these attained maturity they should now begin to show themselves. Those seen may be some of them.

NOVA SCOTIA.

Inspector Rogers, in his report of 1881, on the salmon fisheries in Nova Scotia says: "The salmon fishery still continues to decrease. * * * In this Province these fish seem to have for the time abandoned our unobstructed eastern rivers, as well as those afflicted with mill-dams and sawdust, in the central portions of the Province. I confidently look for a return of these fish at an early date, in abundance, and we are not without encouraging facts of this, for during the past fall the rivers were well stocked with fish. This fact is noted by many overseers, and *particularly so of the rivers in which young fish were placed the past few years*; so that we may look with confidence for a large increase in this fishery the next and following years."

In Inspector Rogers' report for 1882 he says: "This year gives an increase of 125 per cent. over the preceding one, with an increased average over former years. It is a fact which augurs well for the future, that our rivers were well stocked with fish, particularly those into which Mr. A. B. Wilmot has been planting young salmon for the last five and six years. A continuation of this planting, but upon a much larger scale, with the construction of one of the new fish-ways in each mill-dam, would very soon have the effect of filling our rivers and coast with valuable fish again. To supply so many of our rivers we should have had some ten millions of fry to distribute instead of one million. The rivers of Lunenburg, Queen's, Shelburne and Yarmouth could, with a moderate outlay, be made to produce millions of dollars in wealth to the country in ten or twelve years, by a proper and liberal effort in this direction. Money cannot be spent in this country in any enterprise which will more certainly return a rich reward than in the *artificial culture of salmon* in these localities, and I trust this matter will receive the most earnest consideration."

There were returns from some twenty-five local overseers, fifteen of these having oversight of the fisheries in eight counties where artificially-bred fry have been planted, return increased catches of salmon. Ten of the overseers having charge of counties where no fry have been planted, report decreased catches.

Mr. Rogers reports again, in 1883, as follows: "The catch of salmon during the season was about the same as that of the previous year. This is an increase of over 100 per cent. each year over 1881. Thus showing a very encouraging return, and here is every reason to expect a still larger increase next season, as will be seen by reading the overseers' reports. The rivers and estuaries were well filled with parent salmon during the fall months; there are so many of the principal streams opened up by means of the new fish-ways that we may look for very gratifying results, more especially since the results of *artificial culture* are beginning to give unmistakable evidence of its utility."

"I cannot refrain from again urging upon your attention the great importance of extending, at the earliest possible date, *artificial culture of salmon* to streams in Queen's, Shelburne and Yarmouth counties, where these fish, owing to entering the rivers in March and April, command a dollar a pound and sometimes more. I am quite sure that no expenditure could be made which would render so certain so large and so profitable returns for the outlay."

REMARKS ON THE APPLICATION OF ARTIFICIAL SALMON BREEDING TO FISHERIES OF NEW BRUNSWICK AND NOVA SCOTIA.

In ascertaining whether artificial fish culture has benefitted any of the salmon fisheries in the Provinces of New Brunswick and Nova Scotia, it will be unnecessary to repeat the views relating to the habits and growth of the salmon, as previously explained in connection with the improvements of certain salmon fisheries in Quebec, as the application of the subject in that Province will apply equally the same to New Brunswick and Nova Scotia. It will only be necessary therefore to refer briefly to points directly bearing upon the results of fish culture, as applied to many waters in these Provinces, and take the official returns from the inspectors and other officials, to show in how far these results have been realized.

NEW BRUNSWICK.

It will be noticed in the extract, previously quoted from the annual reports on the salmon fisheries of New Brunswick for 1881: "That the salmon fisheries had fallen more than 50 per cent. below the catch of former years." It will also be seen that certain causes for this decline are very aptly and correctly given by the inspector. But it is to be regretted that neither from this nor from the other Provinces is any mention made concerning the pernicious effects of sawdust and other mill rubbish in the rivers and streams, which are the nurseries from which the increase or decrease of the salmon fisheries of the several Provinces is to be derived. It would be very difficult indeed to conceive a more direful scourge to the fisheries interests of the country than that produced from the unrestricted casting of sawdust into the waters frequented by salmon, and many other kind of fish, for feeding and breeding purposes. Next to the downright slaughter of the parent salmon at the spawning times, as a direct means of exterminating their race, comes the more slow, yet sure, undermining, noxious and eventually fatal results, from sawdust; especially does its baneful influences effect the haunts of the salmon, and others of the anadromous species, where pure, limpid water is an indispensable requisite for their healthful existence.

The throwing or drifting of all other descriptions of saw mill rubbish into the streams of the country causes but a trifling injury in reality to the salubrity of the water for fish propagating, or artificial fish-feeding purposes, when compared with the noxious influences of sawdust, for wherever it settles, at the bottom of streams or other waters, it kills all animal and vegetable life, and makes putrid the otherwise naturally healthy depositories for laying and hatching fish eggs; and in the end, by constant accumulation in the beds of streams, rivers and bays, causes them to become barren

and unsuitable for fish to frequent; and, furthermore, its injurious influences now becoming very seriously felt in the blocking up of channels and harbours which were formerly navigable in many places, but which now have become almost useless for ordinary traffic.

It cannot be considered as inopportune to thus refer briefly to the pernicious effects of sawdust, for when it is known to have caused such destructive results the increase of salmon by the natural means in many of the rivers and streams of the Maritime Provinces, the same influences will, in a great measure, in a like manner, seriously interfere with the beneficial results that would otherwise be realized from the application of the artificial methods of re-stocking streams. For if a river or other water, has become so polluted from any cause as to make it unsuitable for the breeding and growing of salmon in the natural way, it must not be expected that the stocking of such a river with artificially-bred fry will accomplish the desired end. But the artificial method will nevertheless have an advantage over the natural means; for by the latter the egg would have to face the difficulties and dangers some six months or more in the river, until the hatching time arrived; whereas, the former, the egg would be cared for in the hatching room, away from the difficulties and dangers in the other case, and kept in pure, cleanly water, not affected by polluted influences referred to from sawdust or other deleterious matter.

To the effects of sawdust and other mill rubbish, impassable mill-dams, deleterious matter of various kinds from manufactories, and the ruthless hand of man in the use of the net and spear upon the spawning grounds (and not so much to excessive legitimate modes of fishing, which at the present time are no doubt beyond all reason), are mainly to be charged the decadence of the salmon fisheries from former times, in many sections, not only of New Brunswick, but also in the other Provinces of the Dominion; and had it not been for the monopolizing and party influence wrongly exercised by the proprietors and co-workers of these serious impediments to the maintenance of fish wealth in the country, their evil effects could, by wise legislation, have been avoided long ago, without in any way seriously affecting the interests of this same class of persons; whereas, the evil which has been permitted to simply given riches and aggrandizement to a few, whilst the great mass of the people have become the sufferers, and a great and lasting source of public wealth and prosperity in the country has become well nigh exhausted, and in many cases irretrievably lost.

Evidently, from the New Brunswick reports, the salmon fisheries in that Province for 1881 were at a very low ebb. It was never held forth at any time that any beneficial results would be realized from the artificial breeding of salmon in the New Brunswick hatcheries before 1882; as a matter of fact, a few young salmon were bred in the Restigouche and Miramichi establishments in 1874; but it was in 1875 and following years, when they really began the work, and even then, only in a moderate way; therefore no "results" could be well expected from them until some seven or eight years had passed, as has been shown in the examples given of the Connecticut, Delaware, and Susquehannah Rivers, in the United States. This view of the case was somewhat prophetically stated in the fish-breeding report to your Department in 1880, where it said:—

"No visible results of any moment, or a run of adult fish of artificial breeding, can be reasonably looked for in the Miramichi, till the season of 1882; this stands in line with the line of reasoning concerning the Miramichi River applies equally to the Restigouche, and both hatcheries commenced operations about the same time, each meeting with some reverses at the outset, but since 1877 the operations have been more satisfactory and factually performed." This prediction is fairly verified by the following returns from the New Brunswick and Nova Scotia reports, as given in by the inspectors of these Provinces. The application of this view has already been given when speaking of the Province of Quebec.

The annual report from New Brunswick, for 1882, says:—

"There has been an *important increase* in the catch of this fish (salmon) as compared with that of 1881 and 1880, but it falls very far short of the catches of 1876, 1878 and 1877." * * *

Now as this improvement was expected, and it may be said actually foretold, it will not be out of place to apply a share of this "*important increase in the catch of salmon*," to the operations of the Restigouche and Miramichi hatcheries, and it may be demonstrated in this way:

The salmon fry which were distributed from these nurseries into the Restigouche and Miramichi Rivers, and their many branches, and other streams also, which empty into the Baie des Chaleurs, and along the coast, would, at the time of their maturity (in about seven years), begin to leave their feeding grounds in the sea on their first immigration back to their native streams, and strike to the nearest mainland, along the shores of which they would coast till they found the rivers or streams of their youth; up these they would journey until suitable spawning grounds were found to lay their eggs. Now, if it were not for the nets which are far too numerous set all along the coasts, the supplies of salmon due to each river could be pretty well ascertained, for they would undoubtedly pass by the estuaries and mouths of all other streams, and surely enter their own by the exercise of an unerring instinct. Therefore the large catches of salmon now made in these nets along the shores of the Counties of Restigouche, Gloucester, Northumberland and Kent, would in a large measure be natives of the larger rivers of Restigouche and Miramichi. And in considering the returns of salmon and "the important increase of these fish," referred to in the New Brunswick report: The Counties of Restigouche, Gloucester, Northumberland and Kent, fairly represent the New Brunswick fishery districts, in which the results of the operations in artificially breeding young salmon at the Restigouche and Miramichi hatcheries would be known and felt; and this is quite fully exemplified from the fact of these counties showing in their aggregate returns for 1882 an increase of 42 per cent. in the catch of salmon over 1881; whilst, in the other counties of the Province, where no planting of salmon fry had been carried out, a decrease in the salmon catch of 1882 is recorded, except in the outside fisheries of the harbour of St. John.

Reference must necessarily be made here to the astonishing increase in the catch of salmon, as returned from the St. John district, from Point Lepreaux to Quaco Head, which is 434 per cent. over the catch of 1881, or 267,300 pounds in 1882, against 50,000 pounds in 1881. This wonderful increase in figures, if thoroughly correct, goes to show that some extraordinary influences must have been at work to produce such a result; and even although a revision of the figures might somewhat change this return, the subject is worthy of some investigation, in order to exemplify the effects of artificial salmon culture, as applied to nearly the whole of the counties in the Provinces of New Brunswick and Nova Scotia, which border upon the shores of the Bay of Fundy, and the upper estuaries in the Chignecto Bay and Minas Basin.

Whilst this increase is shown in the outside and harbour fisheries of the County of St. John, the inland counties, extending from the harbour to the Grand Falls, and taking in the whole of the salmon fisheries of the St. John River, with its branches, show the poorest catch on record since 1870. The only inference to be drawn from this is, that either the net fishing in the bay and harbour outside was so excessive as to prevent the passage of salmon up river, or that the great majority of fish taken outside in the bay, between Point Lepreaux and Quaco Head, were not salmon, but natives of the St. John River, but belonged elsewhere and were captured on their migration from the sea up the Bay of Fundy to their native rivers and streams, which empty into the Chignecto Bay, Minas Channel, Minas Basin and Cobequid Bay.

It will, no doubt, be understood by persons acquainted with the migratory and instinctive habits of the salmon, that, as previously related, these fish, when arrived at maturity and surfeited on their feeding grounds in the ocean, commence their journey shorewards, and strike to the nearest or most convenient mainland, along which they then coast till they find their native streams to enter. By referring to a map of the Maritime Provinces and looking at the principal places where salmon are taken by the fishermen, the course of their migration inwards from the sea, and their journey along the coast or shore afterwards, will be clearly illustrated,

especially in the Bay des Chaleurs, as shown in the official map of the fishery station published along with the Departmental Fisheries Reports for 1878, where it is found that the great runs of salmon coming in from the Gulf take a south westerly course striking the southern shore of the Bay des Chaleurs, thence travelling along the shore till they reach their destination in the fluvial waters of the Restigouche River. And still further verified by the sagacity of the fishermen occupying one hundred and seventy-six (176) fishing stations on the south shore, with only fifty two on the north shore.

The salmon fisheries of the Miramichi Bay, and coast, to the north and south of it, will give another illustration of the migratory courses of the salmon from the sea to the mainlands, and thence to their native rivers. Coming in from the Gulf, between the headlands of Shippegan, on the west, and Cape North, on the east, in a south westerly direction, they strike the shores of the Counties of Gloucester, Northumberland and Kent; when they take their route south and north along the coast, for the rivers, their youth, which in this case would be the Miramichi River and its branches. Taking the courses of the salmon from the Gulf by Cape North, on Prince Edward Island, and Richibucto Harbour, in the County of Kent, New Brunswick, it will be found that from the latter point north to Escuminac, 50,000 pounds of salmon were taken; whilst south of Richibucto, including the river, taking in the greater half of the coast of Kent and the whole of Westmoreland, only 1,160 pounds were returned. And further, the catch of salmon in 1882, from Escuminac north to Shippegan, inclusive of Miramichi Bay (but exclusive of the river fisheries), amounted to 268,400 pounds; the Miramichi River catch was 163,915 pounds, making a total catch of 432,396 pounds; numbering, at ten pounds each, 43,239 salmon over and above those that escaped the nets when striking the mainland between Shippegan and Richibucto (by an instinctive direction) from their feeding ground in the Gulf, or in the Atlantic. Nearly the whole of this great run of salmon would be natives of the Miramichi River, which has been and now is somewhat largely supplied with young salmon propagated in the natural way, and by the artificial methods pursued at the Miramichi hatchery.

Another clearly defined illustration of the landward course taken by the salmon on their migration from the sea, is shown by the "runs" of these fish entering the Straits of Northumberland by the eastern passage. Here again they take a south westerly line from the Gulf, striking the mainland on the coasts of Antigonish and Pictou, in Nova Scotia; when at Cape George a division of families, so to speak, takes place, some going eastward to their rivers by entering St. George's Bay, others going westward to their rivers along the coasts of Pictou, Colchester and Cumberland Counties; but by far the greater numbers are captured where they first approach the mainland, namely: Pictou County (eastern half), 87,830 pounds; Antigonish, 39,700 pounds; whilst further up the straits, taking in the west half of Pictou and the whole of Colchester and Cumberland Counties, only about 2,000 pounds were returned taken in 1882. The above illustrations of the direction taken by salmon coming from the sea show clearly that where the great runs of fish first strike the shores of the mainland the sagacity and uncontrolled greed of the fishermen soon find it out, and there unrestrictedly ply their skill to such an extent as not only to gradually decrease but ultimately exhaust the supplies of salmon due to the rivers near at hand, and those belonging to rivers and streams far away from the points where they first struck upon the coast.

With these illustrations of the courses taken by salmon to reach their native rivers in the Bay des Chaleurs; at Miramichi; and at Pictou; the description to be given of the migrations of these fish up the Bay of Fundy; and into the basins, and rivers at the head of it; will be more readily understood; and may also give some information relative to the cause of the magnitude of the salmon fishery, as pursued inside, and outside the harbour of St. John, when compared with other salmon fisheries, in the Bay of Fundy, which ought, and are fairly entitled, to participate in the benefits derivable from the large "runs" of salmon which annually enter the great arm of the sea; and it may not unwisely be put forth as a reasonable argument in demonstrating the good results to be derived, from the wide spreading usefulness of artificial fish culture.

The Bay of Fundy is the great highway, so to speak, by which all salmon, natives of the rivers and streams which empty into this great arm of the sea, migrate and from the ocean. The course taken by these fish entering the bay from the west, and Brier Island on the east; following this course they would strike the mainland on the north side of the bay, between Point Lepreaux and Quaco Head; on this line and between their limits, are the famous salmon fisheries of the Bay of Fundy; well-known as "the outside and inside fisheries of the harbour and County of St. John." Here 267,300 pounds of salmon were taken in 1882, whilst in the other nine counties of New Brunswick, and in five counties of Nova Scotia; whose salmon feeding rivers and streams empty into the waters of the Bay of Fundy, all these put together only show a return of 99,872 pounds. Of this quantity, the incredibly small catch of 19,312 pounds is made up in the six counties, through which the great St. John River, with its multitude of tributary feeders run, and is the lowest record of any year since 1870.

Of the large "runs" of salmon up the Bay of Fundy from the sea, a considerable portion of them undoubtedly belong to waters at the head of the bay, in the streams of the Counties of Albert and Westmoreland, in New Brunswick, and in the streams of the Counties of Cumberland, Colchester, Hants, and King's, in Nova Scotia. The salmon belonging to these counties would, after striking the coast between Point Lepreaux and Quaco Head, if not taken by the drift and stationary nets set in their line of migration, coast eastward and enter Chignecto Bay and Minas Basin, in search of their native streams. In this view of the matter, it is but reasonable to conclude that a certain proportion of the large catch of salmon annually reported as taken from Quaco Head to Point Lepreaux, in the St. John fishery district, are salmon belonging to the waters of Nova Scotia, and not wholly to the St. John and other rivers of New Brunswick.

In putting forth the statement that the distribution of young salmon, artificially bred at the Bedford hatchery, into certain rivers and streams in Nova Scotia, has been a large measure the means of bringing about the increased catch of salmon in the St. John fishery district, in New Brunswick, by 400 per cent. in 1882 over 1881, it will be considered by many persons to be as remote from possibility of demonstration, as the distances are apart, from which the evidence will be taken to fully illustrate the subject under consideration.

Now, it must be understood that although a salmon hatchery is running on the St. John River, no results can by any possibility be realized from it before 1886 or 1887, as the institution was built in 1879, and the first brood of fry was turned out from the hatchery in 1880. It must also be understood that the catch of salmon throughout the whole extent of the St. John River has been regularly on the decline for the last ten years, the lowest catch being in 1882. This reduction in the stock of parent fish in the river, where the multiplication in their species is brought about, would necessarily reduce the number of adult salmon returning to the river from the sea up the Bay of Fundy, through the limit of the St. John district fishery, between Quaco Head and Point Lepreaux. But, nevertheless, the returns show a wonderfully large increase in the catch of 1882, within this limit, over that of 1881 and 1880. The fair inference to be drawn from the above is that, a large proportion of this increased catch of salmon, were not natives of the St. John River, but of some other rivers of the Bay of Fundy, where these salmon were migrating to in order to reproduce their species. Now where might their destination have been, and what part in the artificial propagation take in the solution of this problem?

The Bedford salmon hatchery near Halifax, was established in 1875; from which time to the present, large quantities of artificially bred fry have been annually distributed in the streams of most of the counties in Nova Scotia. The Counties of Cumberland, Colchester, Hants, King's and Annapolis; all bordering more or less upon the shores of the Bay of Fundy, receive quotas of salmon fry from the Bedford nursery. The proportion of these that escaped destruction, and grew to the stage of "parrs" and "smolts" would, by the law of nature which guides them, leave these

streams and pass through the Bay of Fundy to the sea ; where, after the proper lapse of time, they would reach maturity, and retrace their way back to the rivers or other streams in which they spent their youth. Thus it will be seen how the planting of artificially-bred salmon fry in the the above named counties of Nova Scotia would in the natural course of events, benefit and increase the salmon fisheries of the Bay of Fundy, more especially that portion of it which constitutes the St. John fishery district, between Quaco Head and Point Lepreaux ; corroborative evidence of this is further shown in the fact of the above mentioned counties in Nova Scotia having returned increased catches of salmon within their limits in 1882 (amounting to some 40 per cent. increase over the averages of the four previous years), simultaneously with the large catch between Point Lepreaux and Quaco Head. When at the same time, the great tidal river of St. John (with all its affluent branches) which is the generally reputed feeder of the salmon fisheries of the Bay of Fundy, shows a greatly reduced catch of these fish from former years.

Having commented upon the effects of artificial salmon culture in relation to the increased catch of salmon in New Brunswick in 1882, it must be mentioned here that the returns for 1883 do not appear in such a favourable light, as they show a general decrease in the whole Province of some 26 per cent. under 1882 ; but when the Restigouche division of the Bay des Chaleurs is taken by itself, where the benefits from the Restigouche hatchery have been directly applied, a most favourable result is recorded of 45 per cent. increase in 1883 over 1882.

It must also be noted that the salmon fisheries throughout the north and south shores of the bay, which come within the range of the operations of the Restigouche hatchery, namely, in the Counties of Gloucester, Restigouche and Bonaventure, these, collectively, show an average increase in the return of salmon caught in 1883 of 25 per cent. over 1882. It is somewhat remarkable, however, that the returns for the County of Northumberland, where a hatchery is in operation on the Miramichi River, should show a decrease in the catch of 1883 as compared with 1882.

NOVA SCOTIA.

With regard to the operations in artificial salmon culture, as applied to the majority of the counties in this Province, the beneficial effects are made so apparent from the reports of the Inspector of Fisheries, that little further may be said relative to the very satisfactory increase of salmon taken in 1882 and 1883 over 1881 and previous years ; and as these years are the ones in which the first crops of young salmon turned out from the Bedford hatchery would have become sufficiently mature to return to the rivers for spawning purposes, where they were first planted as fry, it is only fair to conclude that the large increase referred to in the annual reports, was in part occasioned by the planting of considerable numbers of salmon fry in many of the rivers of Nova Scotia, from the Bedford nursery, six and seven years before ; and more especially may it be so considered from the fact, that in the ten counties of the Province where artificially-bred fry were planted, the average increase in the catch of salmon in 1882-83 amounted to 138 per cent. over 1881 and previous years ; when, in the other counties of the Province where fry had not been planted, the increase during the same period was only 43 per cent. ; and in selecting some individual counties, where more liberal supplies of young fish were distributed at first, namely, Halifax County, an increase of upwards of 200 per cent. is shown over former years.

MAP EXPLANATORY OF THE APPLICATION OF ARTIFICIAL SALMON CULTURE IN THE MARITIME PROVINCES.

The accompanying map or chart of the salmon fisheries of the Maritime Provinces is submitted as illustrative of the migratory courses taken by salmon to reach their native rivers for spawning purposes. The more special object of the

is to portray the coast line of the Provinces on the Atlantic and in the Gulf of Lawrence, and bays, straits and rivers which salmon are known to pass or enter their annual rounds to multiply their species. It is of importance that it should accompany the report on fish-breeding operations, more especially to give a clear demonstration of the remarks contained in the report on the "practical application and results of artificial fish-breeding on the salmon fisheries of the Maritime Provinces." On the chart is delineated every salmon fishery district in the Provinces; with the quantities of salmon taken in each, and the numbers of the same (at 10 lbs. each) caught within certain limits. The information obtained, and depicted on the chart, has been collected from the official returns of the Fisheries Department for 1881, 1882 and 1883. The exhibit of the salmon catch on this chart gives the general distribution of these fish in the several salmon fishery districts between Cape Breton and the Straits of Belle Isle, on the north shore, and Quebec and Gaspé on the south shore, also from Gaspé following the coast and bays of New Brunswick, Cape Breton, Nova Scotia and the fisheries of the Bay of Fundy, as recorded in the following table:—

QUANTITIES OF SALMON, 1882.

	Lbs.
North shore, Quebec to Belle Isle.....	315,464
South shore, Point Levis to Gaspé.....	60,933
Anticosti Island.....	8,600
Gaspé to Straits of Canso.....	1,047,380
Prince Edward Island.....	9,666
Cape Breton Island.....	106,955
Straits of Canso to Yarmouth, N.S.....	317,201
Bay of Fundy, N.B. and N.S.....	367,542
Total.....	2,233,740

The chart also gives the location of the several fish hatcheries built in 1874-75-76, and notes marks showing the fishery districts in which salmon fry were planted in these years, and the increased catch of salmon returned in those divisions over the quantities taken in the divisions where young salmon were not planted.

INTERNATIONAL AWARDS AND GOLD MEDALS FOR CANADIAN FISH-BREEDING.

At the great International Fisheries Exhibition, London, 1883, the Dominion of Canada made a large and at the same time most satisfactory exhibition of fish and fishery products, and also fishery gear and appliances of every description generally used in Canadian waters. Practical fish culture, with working sections, models and apparatus of various descriptions connected with the Canadian method of propagating fish by artificial means, were also shown and obtained awards of the highest character, for superiority in design and for practical work, exemplified in the hatching and growing of salmon during the whole of the six months in which the great exhibition was open.

Some fifty thousand (50,000) salmon eggs, of the "salmo-salar" species, were sent across the Atlantic in April, 1883. They arrived safely in London, and certain numbers of them were hatched daily during the months of May and June, in the fish-breeding works erected in the Canadian Court. A number of these young salmon were planted in rivers in England, and the balance on hand at the closing of the exhibition, which had become parrs, of four, five and six inches in length, and of perfect development, were presented to the authorities of the British Museum, in whose aquaria at South Kensington they were placed, where many of them are still

on exhibition. This successful result in fish-hatching, by the Canadian system, was unique, surpassing all other competitors, and obtaining the highest possible award, of the gold medal, for "the best and most complete fish-breeding establishment at the exhibition;" and a gold medal and diploma was also awarded to Canada for the hatching and growing of young salmon continuously during the whole period in which the exhibition was open.

The description of apparatus exhibited in the Canadian Court consisted of a full-size working section of the machinery and appliances in use at the Newcastle establishment in Ontario; also, a working model of this hatchery in full operation, illustrating the complete machinery in use, and the *modus operandi* of the system adopted in all the fish-breeding institutions in Canada. The glass automatic white-fish incubators were also in practical use, during the exhibition. A perfect plaster caste model of the Tadoussac establishment on the Saguenay River, in the Province of Quebec, was shown, giving the position of the salt-water pond, and the practicability of using tidal salt water, for retaining parent salmon through the summer months, and until spawning time.

Some of the breeding works, models and other fish-breeding apparatus which were so successful in practically illustrating Canadian fish culture, and in receiving the highest awards at the great International Fisheries Exhibition in England, were brought back to Canada, and are now on view at the Fisheries Museum in Ottawa.

The generally admitted excellence of the Canadian fish-breeding exhibit in London, for its comprehensive system of arrangement, and absence of all complication in its practical adaptation for hatching eggs and rearing fry, and having obtained the highest award against all competitors, gives sanction to the belief that the science of artificial fish-culture in Canada holds no secondary position with any other country in the world.

The following is a list of awards and diplomas obtained at the great International Fisheries Exhibition, London, 1883, by Canada, for exhibits connected with artificial fish-breeding, namely:—

Jury No. 20, Section 1.

Dominion of Canada.—Wilmot's system: Best and most complete fish-breeding establishment in the Exhibition. Gold Medal and Diploma.

Dominion of Canada.—Wilmot's method: Young salmon hatched out from eggs brought from Canada and grown to the state of "parrs" from 4 to 6 inches long, in the breeding troughs during the time of the exhibition. Gold Medal and Diploma.

Dominion of Canada.—Model of salt-water pond as used in Canada, for retaining parent salmon from June till ripe for spawning. Silver Medal and Diploma.

Dominion of Canada.—Wilmot's system. Working model of fish-breeding establishment as used in Canada. Silver Medal and Diploma.

Dominion of Canada.—Live fish and egg carriers. Bronze Medal and Diploma.

The within report of proceedings connected with artificial fish-breeding in the Dominion of Canada is respectfully submitted.

SAML. WILMOT,

Superintendent of Fish Culture for Canada.

NEWCASTLE, 31st December, 1884.

REPORTS FROM THE SEVERAL OFFICERS IN CHARGE OF FISH-BREEDING ESTABLISHMENTS IN CANADA, 1884.

1.—FRASER RIVER FISH HATCHERY.

The Honourable A. W. McLelan,
Minister of Marine and Fisheries, Ottawa.

SIR,—I have the honour to lay before you my report of operations at the Fraser River fish hatchery in this Province, and beg leave to draw your attention to paragraph (32) in the late Inspector of Fisheries' report for 1883.

In pursuance of that officer's order, I started on the 2nd of October, 1883, in company with the Hon. Senator McInnes, the late Inspector of Fisheries, Mr. Anderson and Captain Pittendreigh, fishery officer, for the purpose of inspecting Pitt River and its tributaries. After examining several localities and making enquiries as to the different classes of fish and their habits, and taking into consideration its isolated position, I did not deem it advisable to recommend the hatchery being placed in that locality.

I afterwards visited several other places on the Lower Fraser, reports of which were sent to the late inspector, which reports, I trust, came under your notice.

The view I had in choosing the present site was that it had been recommended to me by Mr. S. Haigh as being invariably clear and free from sediment during the hatching season; also of an even temperature.

On visiting the place I found a good, large stream of pure, limpid water, in which were a good number of Coho salmon depositing ova. Mr. Haigh also offered a free grant of the necessary land for the erection of buildings. Two acres of this land were procured and held by deed. I concluded that where the salmon selected a natural spawning ground must evidently be suitable for artificial propagation.

On the 5th of March I commenced clearing a site, excavating pond, building dam, clearing ground and making road from the river's bank back to the supply dams. This involved much hard work, as the wood was heavy and the ground hard to clear, thus making the road an expensive one. It had to be bridged for 500 yards over marshy ground, which was impassable for a team of any kind. The foundation had to be hauled and laid in place by hand, and 60,000 superficial feet of cedar had to be split and carried from the woods for covering.

The dam is constructed with large logs, built in the form of a crib-work, 16 feet broad in the bottom, and rising to the height of 9 feet, 1 foot slant being allowed to each foot of height. The bottom log is imbedded 2 feet in the gravel, an apron of 2½-inch plank, of sufficient length, being laid on the face or sloping side of the crib. The lower end of the plank is sunk 2 feet below the bottom log; the crib was then filled in with earth and stone, making the structure staunch and tight.

The dam is 150 feet in length, and the pond in places shows a depth of 8 feet, thus giving an abundant supply of water for the hatching house.

The building is sufficiently high to be clear of any floods that may occur on the Fraser. It stands 30 feet above the level of the river. Its dimensions are 110 x 40, and it is two stories high. It stands near the centre of the two-acre plot. The lower flat is fitted with seventy-one (71) hatching troughs, 35 feet long, 10 inches wide, and 6 deep. These are capable of holding one thousand (1,000) hatching trays, which will hold about three millions (3,000,000) quinnat or five millions five hundred thousand (5,500,000) suckeye eggs. By doubling the trays in the troughs double the number of ova can be laid in. Part of the second storey (40 x 40) is fitted up as a mess house and caretaker's dwelling. The remaining part (70 x 40) is used as a store room, but could be fitted up with troughs and tanks at short notice into a commodious hatching room, as I have taken precautions to have the water conveyed from the dam by a flume of sufficient size and elevation as to warrant an adequate supply for both flats. The water flows into a retaining tank, 5 feet above the level of the upper flat, and is led from thence into a large filter tank, and then

taken into the reservoir tank in the house, below where it supplies the hatching troughs.

Capturing Fish.

On the 28th of June I set men to work fishing for quinnat salmon. They captured ten the first day. These were put in cribs and kept in the main Fraser River; I kept the men fishing until the 15th of July, taking one hundred and thirty-seven (137) fish, fifty-three (53) of which died before they could be conveyed to the pond. The balance were put in the pond, and kept there until the 25th of July, when they were liberated. During this time twenty-nine (29) died with fungus. The growth commenced generally where the mesh of the net had marked them, and continued to spread over the body until it reached the eyes and gills, resulting in their death about two days after the gills became affected. Those in the cribs also became affected after being in them a few days. I then constructed a very large open crib, made of sawn slabs, 1 inch thick and 2 inches wide; this I put in the Coquitland River, where water was clear and cool. Here I intended keeping a large supply of parent fish, but fungus attacked them there, and I abandoned the idea of taking any more fish until later in the season.

On the 8th of September I sent a man to the Harrison River, to examine and report upon the different places and advancement of the fish in that locality, as I could not depend upon the reports of the Indians, who were unacquainted with their spawning habits.

On the 15th September I received word from the Harrison River that fish had begun to deposit ova. Accordingly, I made ready the necessary equipments for capturing and caring for them. I arrived at the Harrison on the 20th of September, and commenced taking fish on the 23rd, continuing until the 24th of October, capturing about two thousand (2,000) "quinnat" and three hundred and fifty (350) "suckeyes." From the last mentioned, we took about two hundred and fifty thousand (250,000) ova, and then gave our attention to the "quinnat" salmon, as they are of superior quality, entering the river earlier and continuing to run later in the season.

Of the two thousand (2,000) "quinnat" salmon taken, there were about equal proportions of males and females. As many of the females had been spent before their capture, the actual number that supplied ova was about seven hundred and sixty-five (765). These gave an average of four thousand (4,000) eggs each.

All fish, with few exceptions, were returned to the river after being stripped, and were as full of vitality as any I have noticed in the eastern rivers after going through the same course.

At the request of the Inspector of Fisheries, and for our own convenience, we marked many of the fish by putting a hole through the adipose dorsal fin with a leather punch. Our intention was to fasten a tag to them with the date marked on it, but we were unable to procure the required material before the close of the season.

The men caught some of the fish that had been stripped and let go; they were readily recognized by the hole in the fin. The muscles of the abdomen had fully contracted, and the fish looked natural and symmetrical.

I noticed some fungus in the gills of some the "quinnat" salmon on the Harrison, originating, I have no doubt, from a bruise caused by the fisherman's net while ascending the river.

About the 15th of October the "coho" salmon made their appearance in the Harrison River. They were bright in color, and in good condition for food, although some of them were dying. No fungus could be noticed on them, but they all appeared to be slightly swollen. The Indians used them for food shortly after they died, and the fish appeared to be perfectly healthy.

Ten miles from the mouth of the Harrison River, at the right side of the entrance to the lake, is a hot spring. I will here quote a paragraph from the *British Columbian*, dated the 2nd of August, 1884: "The spring has a temperature of one hundred and

sixty-four (164) degrees Fahrenheit. The water contains sulphuretted hydrogen in large quantities, and an analysis lately made by Mr. W. J. Wenzel, Ph.G., M.D., professor of chemistry in California College of Pharmacy, gives the following: Sulphate of sodium, sulphate of calcium, sulphate of magnesium, chloride of codium, chloride of potassium, alumina silica. In his report Professor Wenzel says: 'The total amount of solids contained in an Imperial wine gallon equals $89\frac{1}{4}$ grains. The character of the water is that of a mild aperient, the sulphate being by far in the larger proportions.'

The Indians in that neighbourhood informed me that other hot springs, in different localities on the Harrison, are constantly boiling up from the river bed, and the question might be asked, Will the fish run into these warm currents when entering the river? If so, what would be the effects produced?

The ova were placed in cases of fifty thousand (50,000) each, after having been packed in zinc trays with cotton and moss gathered from the trees. They were then conveyed to the hatchery by canoe and steamer. The transit was about ten hours. The ova looked well after being laid down, and the loss was comparatively small on account of the journey.

Shortly after laying in the first shipment a heavy rain caused the water to be muddy and we had to wash the eggs to keep them clean. Before all the supply of eggs was laid in, and before I was aware of the fact, some of the embryos began to develop, and in thirty days after the first shipment of eggs was laid in the trays, the eyes of the fish were clearly discernable. At this period we had lost a considerable number of eggs, as is shown in my weekly reports to your Department. The apparatus employed in hatching salmon must necessarily vary with the species, temperature, and character of the water in which they are hatched. In most of the eastern Provinces perforated zinc, or tin is used for trays; on the McCloud, wire baskets are in use, in which are put twenty-five thousand (25,000) ova to a basket of $2 \times 1 \times 6$. These are found very effectual in practice.

By doubling the supply of water, and causing an undercurrent in the troughs, and shifting some of the eggs from zinc to wire trays, I found it improved them. The eggs of the "quinnat" salmon are much larger than those of the eastern salmon, or any of the other species on this coast. The time of incubation is short, owing to the high temperature of the water, and a much larger supply of aerated water is required than in the eastern hatcheries.

In regard to capturing parent fish in the future, I have the honour to suggest that a retaining pond be made near the salt water, and the fish kept in it until they mature; as this, in all probability, will prevent an attack of fungus; otherwise I would suggest taking them on the Harrison River, as was done this season. I think the attempt to keep fresh run fish in confinement in the muddy water of the Fraser River will always prove a failure. In conclusion, I beg leave to state that all the eggs placed in the wire baskets are in a very healthy state, and that there are now about two thousand (2,000) young fish out. There will be no distribution of young fish before January or February.

I have the honour to be, Sir,

Your obedient servant,

THOS. MOWAT,

Officer in Charge of Fraser River Hatchery.

2.—SYDNEY FISH HATCHERY.

CAPE BRETON, 31st December, 1884.

The Honourable A. W. McLELAN,

Minister of Marine and Fisheries, Ottawa.

SIR,—I beg herewith to submit the following report of the work done in the Sydney hatchery during the past year.

Of the one million and fifty thousand (1,050,000) ova laid down in this hatchery in the fall of 1883, eight hundred and fifty-eight thousand (858,000) young fry were hatched and successfully distributed as follows, viz. :—

	Fry.
Sydney River, Cape Breton County	250,000
Salmon do do	100,000
Margaree do do	150,000
Middle do Victoria County.....	50,000
Ball's Creek, Cape Breton County.....	100,000
Trout Brook do	50,000
Black do do	50,000
Clerk's do do	45,000
Big do Richmond County.....	30,000
Hatchery Brook, Cape Breton County.....	28,000
Total.....	853,000

This year I secured three hundred and twenty (320) parent salmon from the different rivers, as follows, viz. :—

Where Caught.	Males.	Females.	Total.	No. of Ova.
Margaree River.....	117	93	210	447,000
Middle River.....	7	28	35	170,000
Sydney River.....	16	40	56	284,000
Ball's Creek.....		3	3	
Salmon River.....	5	11	16	30,000
Total.....	145	175	320	931,000

From the above table you will see that there are nine hundred and thirty-one thousand (931,000) eggs laid down in the hatchery this fall.

The catch at the Sydney River was smaller than usual, owing to the dryness of the season, only one freshet occurring during the whole fall, after which the greater number of fish were captured.

The hatchery being in the same good working order that it was in when first started, required no improvements this year, except the usual painting and fixing up for the new stock of ova. However, some improvements about the grounds were made, the heavy freshets of the spring having carried away part of the mill-dam and the stone breast work around the building, I found it necessary to repair the breast work; and, fearing that the dam would not be properly repaired, I gave Mr. Dobson all the assistance I could, besides bearing part of the expense. I also constructed a fish pond at Margaree River, for the reception of parent fish till ready to spawn, there being so many fish caught there that the tanks were not large enough, and the fish did not seem to thrive well in them.

This hatchery has not been long enough in operation here to show any beneficial results; but I may state that the different rivers which are being stocked show a decided increase of young fish. This I learn from personal observations, as well as from the reports of those parties living in the immediate vicinity of the rivers.

Young fry are to-day quite plenty in the hatchery brook, a place in which a salmon was never known to enter or spawn till stocked by the hatchery. The largest seen being from 4 to 7 inches in length.

I have the honour to be, Sir,

Your obedient servant,

C. A. FARQUHARSON,

Office-in-Charge.

3.—BEDFORD BASIN HATCHERY.

BEDFORD, 31st December, 1884.

The Honourable A. W. McLELAN,
Minister of Marine and Fisheries, Ottawa.

SIR,—I beg to submit the following statement of the operations at this hatchery during the past year.

The total number of eggs laid down last autumn was one million five hundred thousand (1,500,000), from which were hatched this spring about one million fry. These were distributed, as per instructions from the Department, in the following named rivers:—

			Fry.
Musquodoboit River,	Halifax County	.....	80,000
Sackville	do do	.....	40,000
Big Salmon	do do	.....	40,000
Little Salmon	do do	.....	40,000
Nine Mile	do do	.....	40,000
Indian	do Hants County	.....	40,000
Meander	do do	.....	40,000
Hebert	do King's County	.....	40,000
Gaspereau	do do	.....	40,000
Cornwallis	do do	.....	40,000
Philip	do Cumberland County	.....	80,000
Wallace	do do	.....	40,000
Salmon	do Colchester County	.....	40,000
Stewiacke	do do	.....	40,000
North	do do	.....	20,000
East	do Pictou County	.....	60,000
Middle	do do	.....	60,000
West	do do	.....	80,000
Annapolis	do Annapolis County	.....	40,000
La Have	do Lunenburg County	.....	20,000
East	do do	.....	40,000
Tusket	do Yarmouth County	.....	40,000
Total.....			<u>1,000,000</u>

These were all safely delivered in a good, healthy condition, no loss being met with, except among one lot of sixty thousand (60,000) fry intended for the Gold, Martins, and Mushamush Rivers of Lunenburg county, which became weak and sickly on the long journey, and in order to prevent a total loss they were put in the East River of that county as above.

Collection of Ova this Season.

The collection of ova for this season's hatching has been attended with very poor success. Salmon were reported as plentiful during the months of August and September in the harbours and rivers, but the continued drought and consequently low stage of water in October and November prevented their entering the fresh water, or ascending to the points where the spawning sheds and tanks are located. West River being the only stream in which fish are taken in the tidal waters, returned the greatest number of spawners. River Philip, where salmon were reported as unusually plentiful in the tide-way, but where the fishing station is about one and a-half miles above tide, returned almost nothing, the low stage of the water preventing the fish from entering. The Liverpool River, in Queen's County, where an effort was made to catch some salmon, also returned nothing. On Sole's Brook, or Chezzetcook River, where I built a small tank and engaged a crew of fishermen, very few fish were taken. A peculiarity of the catch this season was the small proportion of male fish. This no doubt was due to the high stage of water during the months of July and August, which permitted these fish to enter the rivers at that time, long before fishing commenced. The total catch was as follows: West River, 64; Philip River, 16; Sole's Brook, 12, being 92 in all, of which 17 were males and 75 females, yielding eight hundred thousand (800,000) ova, which is the extent of the stock received this season.

I regret the poor success of this work this year, and it is a great disappointment, as I made every preparation necessary for securing a large catch, but the season was decidedly unfavourable. The fact is, hundreds of spawning salmon never entered the fresh water, but deposited their ova on the gravelly shores of the coves and bays. The ova so deposited will no doubt be almost entirely lost, but this will be counterbalanced by the large numbers of eggs deposited at the extreme head-waters of our rivers by a run of salmon which entered in July and August.

From every quarter I hear of quantities of salmon having entered the rivers this summer, greatly in excess of any for the past ten years, and I have no doubt whatever but this increase is largely due to the operations at this hatchery, but I find it almost impossible to obtain any positive information from the fishermen, as they, being prejudiced, are unwilling to admit that this increase is due to any artificial efforts on the part of the Department. As far as I can learn, a great increase was observed in River Philip, where fully four hundred (400) salmon were taken during the summer and fall fishing. One man alone admitted catching over sixty, while many others were quite as successful. I am informed by a thoroughly reliable party that the numbers of salmon entering the Musquodoboit River was greatly in excess of that of any year for the past ten years; and, in fact, the same can be said of almost all the rivers. One instance of a most marked increase offers itself in the La Have River, where the average catch per year, for the past ten years, has not exceeded twelve fish, while that of 1883 was two hundred, and, for the past year, five hundred salmon.

This increase has taken place in spite of the existence of five or six almost impassable dams on the river, and cannot be claimed as due to the natural reproduction of the salmon themselves. I commenced stocking this river at its extreme head waters in 1878, and each year since it has received from ten thousand to twenty thousand fry. A most convincing feature of this increase in favour of its being due wholly to the numbers of young fry placed there, is the fact acknowledged and commented upon by the fishermen in the vicinity, that while the number of salmon has so wonderfully increased, the size of the fish is not equal to that of former years. This, without doubt, is due to the presence of young and half-grown salmon. The first fry placed there in 1878, would, in 1882, be only four years old, and, of course, small in size, while those of 1879 were last season in the same condition as to size. Now, the fact that a most decided increase of salmon of a small size was observed in that river at the precise period when a return would be expected from the planting of 1878, should be sufficient to convince the most skeptical that fish-breeding has

shown its good effects there, if no such convincing evidence has been obtained elsewhere. I have just reason to believe that equally as favourable reports could be obtained in other rivers, if means were adopted to that end, but, as stated above, the men who possess the information we seek, refuse to give it, fearing to commit themselves by acknowledging their violation of the law by fishing after the "close season."

Wallace River, in Cumberland County, is well adapted to the growth of salmon, but it has been almost ruined by some dams across its mouth, notwithstanding which, a very large increase has taken place from the numbers of fry placed there each season.

In endeavouring to show that the increase of salmon is due in a measure to the efforts put forth in the way of artificial fish culture, I am aware I conflict with the opinion which the Inspector entertains, that his ladders have been instrumental in bringing it about, but unfortunately, the patent "Roger's ladder" has not been in use long enough to have produced the good results he claims, and further, the increase has taken place in rivers where none of these ladders have been built.

Some years ago I took occasion to draw the attention of the Department to the filthy condition of some of our rivers and their present unsuitability for the growth or production of large numbers of young salmon, and pointed out that, with this unfavourable feature working against us, our progress towards re-stocking would necessarily be slow, if not doubtful. Filled, as our streams are, with large accumulations of decaying sawdust and other mill rubbish, throwing off noxious and poisonous gases destroying every vestige of animal and vegetable life which nature intended as food for the young salmon and other fish, we are handicapped from the beginning. It was hoped that some means would be adopted by which this evil would, at least in a measure, be removed, but it is found that matters are growing worse, and that no effort is now made to prevent mill owners from allowing all their refuse to run into the rivers. The general opinion is that sawdust is the greatest evil we have to contend against, and more attention should be paid to that than the comparatively lesser evils of obstructions and dams. By this it must not be construed as insinuating that ladders are not necessary in many cases, but as contending that the pollution of our rivers, by decaying sawdust, has done more to depopulate our rivers than all the mill-dams yet constructed, and if any improvement is desired the removal of these two evils should be carried on together. What is to be gained by admitting salmon or planting young fry in a river where the very element in which they live is made noxious by the introduction of a poisonous substance? The public are being firmly convinced that all our efforts in the direction of re-stocking our rivers by artificial or natural means will be rendered futile, unless the sawdust clauses of the Fisheries Act are rigidly enforced.

No doubt there exists a difficulty in reference to the enforcement of this clause, arising out of the alleged heavy expense it might entail upon the mill-owners, but it cannot be said that these few parties have any right to use the waters of our rivers in such a way that the public generally, and more especially the poor fishermen along our coasts and estuaries, should be injured and robbed of their means of subsistence and livelihood.

It will be acknowledged by almost all who have any practical knowledge of our rivers and their fisheries, that saw dust and other mill rubbish is decidedly injurious, and it is quite correct in saying that in all countries where salmon and trout are found, a law against the throwing of sawdust in the rivers exists. In our Dominion such a law was enacted, and for a time enforced, but by some strange misconception of the fact existing, here, in the Province of Nova Scotia, where salmon were formerly most abundant, and where a very large number of the inhabitants are, and for years have been engaged in this particular fishery, this law, for some years past, has not been enforced, with the result of a gradual but certain decline in the numbers of salmon caught or entering our rivers. There are many opportunities of witnessing this evil in this Province, and there will be no error in saying that the influence by which the exemption of the rivers from the sawdust clause of the Act was most decidedly against their best interests, and has entailed upon our river and estuary fishermen a direct and heavy loss.

Repairs, &c.

A considerable amount of work will be required about this hatchery during the next summer. The floors, tanks and other portions of the interior have suffered decay, caused by the constant dampness existing about this description of building. The floor, joice and portions of the studding, as well as the entire floor, requires renewing, but instead of renewing these with wood, I would suggest putting in a floor composed of rocks, gravel and sand, covered with a coating of cement. Such a floor would last for all time, and could be so constructed that perfect drainage would be secured, and all foul air from the decaying wood would be avoided.

While effecting this change there should be also an alteration in the arrangements of the troughs, substituting the transverse position of the hatching troughs for the present. This would give additional hatching capacity, and help to carry on the work more satisfactorily.

While suggesting the above changes and repairs, I beg to draw your attention to the very inadequate accommodation the rooms over the hatchery afford as a dwelling. I was informed by the late Commissioner that these rooms were never intended for occupation, at least by a man with a family, and I believe an effort was made at the time to secure a cottage in the vicinity as a residence for the officer in charge. This has not been done, and I have been compelled to put up with the poor accommodation which a few small rooms afford for a family of ten. You will readily understand how entirely insufficient this is, and being, as I am, one of your oldest officers, I trust you will be pleased to give instructions to secure for me, at least, as comfortable accommodation for my family as has been supplied at the other hatcheries. By the addition of a wing to the present building, or by adding another story, the required rooms could be obtained, and at no very great expense.

Hoping the above statements of my proceedings in the past year, together with the remarks and suggestions I have felt called upon to make, may meet with your approbation.

I have the honour to be, Sir,

Your obedient servant,

A. B. WILMOT,

Officer-in-Charge.

4.—DUNK RIVER FISH HATCHERY.

PRINCE EDWARD ISLAND, 31st December, 1884.

The Honourable A. W. McLELAN,

Minister of Marine and Fisheries, Ottawa.

SIR,—As was previously reported, the young salmon fry were successfully planted last spring in the following rivers, namely:—

	Fry.
Dunk River.....	300,000
Wilmot's River.....	200,000
West River.....	100,000
Morell River.....	50,000
Brustiwell River.....	50,000
Montague River.....	50,000
Wheatley River.....	50,000
Trout River.....	50,000
Hunter River.....	50,000
Trout River.....	50,000
Otter River.....	50,000
Total.....	1,000,000

At the present time there are laid down in the hatchery one million two hundred and fifty thousand (1,250,000) eggs in good condition. I thought at one time we could get scarcely any ova, owing to the water being so low in the river, they would not enter the "reception" house. A large number of fish spawned in the river, but when the wet weather set in and the water became dirty, they began to come in the house. Some fish entered as late as the 30th of November. On the 28th of November they came in faster than I could spawn them. We had in all two hundred and twenty fish (220) fish, one hundred and sixty (160) females and sixty (60) males. They averaged a trifle over seven thousand eight hundred (7,800) eggs each. I think there were quite as many fish that spawned naturally in the river as came in the house. A large number of grilse entered the reception house, but owing to the traps being too large to hold them they escaped. Only two fish died; these were hurt in the trap.

Young smolts were very numerous in the Dunk River this summer, and in Wilmot's River anglers reported them as never having been so plentiful before. In fact all the rivers I have heard from give the same flattering account. A large number of salmon entered Wilmot's River this fall, weighing from ten to twelve pounds. Some fifteen fish were taken by means of bait near the tide or salt water, several were also hooked with the fly but were not caught, owing to a proper salmon rig not being used. I saw eight fine salmon between the hatchery and the bridge, in the month of July; these I think could have been taken by means of a fly.

A very heavy freshet of last spring nearly carried away the reception house it, however, did considerable damage, having carried away about 24 feet from the roadside of the house. The water was 4 feet 8 inches high in the hatchery and coated all the troughs about the house, but fortunately no serious harm was done. Since the freshet I have had the troughs securely fastened, in order that they may not be disturbed again should another freshet occur. The dam and reception house have been repaired and everything is now in good working order.

It will be necessary to purchase some new cans for conveying the fry in the spring, as the ones in use are made of common tin, and are altogether too slight, and will not stand the rough handling they are subject to.

I am pleased to say that sawdust has not been thrown in the river, except on one occasion, and I think we will not be troubled very much with this evil in the future.

It is very difficult to keep poachers off the river. They are continually on the look-out, and if it were not for the exertions put forth by the wardens and myself, the salmon would soon be exterminated. Poachers have made daring attempts to fish several times, but they have been driven off without catching any fish. It is almost impossible to catch these parties, owing to the thick woods in this locality.

I have endeavoured to give you all the particulars in regard to the working of this hatchery, and trust they may meet your approval.

I have the honour to be, Sir,

Your obedient servant,

HENRY CLARK,

Officer-in-Charge.

5.—ST. JOHN RIVER HATCHERY.

RAPID DES FEMMES, ST. JOHN RIVER, 31st December, 1884.

The Honourable A. W. McLELAN,
Minister of Marine and Fisheries, Ottawa.

SIR,—I have the honour of making the following report on the operations carried on at the Dominion salmon hatchery, situated at the Rapid des Femmes stream, on the St. John River, in the Province of New Brunswick.

In the fall of the year 1883 I reported having laid down in the hatchery two hundred and eighty-four thousand (284,000) salmon eggs, collected on the Serpentine, a tributary of the Tobique River. Later in the season, through your kindness I received a further supply of eggs from Tadoussac, Province of Quebec. I went to St. John to meet them, but they suffered considerably on the way. When they were placed upon the trays, and thoroughly picked over, there remained, by approximation, two hundred and ten thousand (210,000) eggs. In the month of March I received a still further supply from Mr. Alexander Mowat, of the "Dee Side" hatchery, on the Restigouche River, of four hundred thousand (400,000) eggs, making in all eight hundred and ninety-four thousand (894,000) ova laid down in the hatchery, all of which, I am pleased to state, did remarkably well.

In the latter part of the month of April the eggs began to hatch, the Restigouche ova hatching out about eight or ten days in advance of the others. About the 25th of May all the eggs had hatched. The Restigouche eggs were a splendid lot—large and well formed, and hatched out with comparatively little loss, and developed rapidly. I confidently hope that they will improve the quality as well as the quantity of salmon in these rivers.

On the 18th of June I commenced to plant the young fry, and finished the work the 10th of July, an operation that was successfully carried out with but very little loss of young fish.

By orders, they were planted in the following named rivers, viz:—

	Fry.
St. John River, Victoria County.....	461,000
Tobique do do do	150,000
Salmon do do do	100,000
Skiff Lake, York do	30,000
Baker Brook, Madawaska do	30,000
Emerson do do do	10,000
Rapid Des Femmes Stream	30,500
Total.....	811,500

During the remainder of the summer I overhauled and cleaned out the entire hatchery and varnished the troughs, trays and main tank, and made all other suitable arrangements to receive a new supply of eggs in the fall of 1884. The hatchery is now in complete running order in every particular. I do not consider it second to any other in the Maritime Provinces.

I was much pleased with a visit from the Superintendent of Fish Culture last summer. He made a thorough examination of the house and premises, and no doubt he will give the Department the benefit of his inspection.

On the 28th of last September I left here for the Tobique River, in quest of parent salmon to stock the hatchery. I am sorry that I was not as successful as could be desired, but under the circumstances it could not very well be otherwise, as the special warden that was appointed to guard the spawning grounds did not receive his appointment until it was too late, consequently the "Serpentine" was completely devastated by poachers almost a month previous to the warden's appointment. If he had been appointed about the 15th of June (as I expected he would be), I have no doubt in my mind but that I would have got at least six hundred thousand (600,000) ova. As it was, I only caught forty-three (43) salmon, twenty-five (25) females, and eighteen (18) males, from which I got one hundred and eighty-six thousand (186,000) eggs. These were the largest and finest salmon I ever caught on the Tobique. On the 25th of October I got home to the hatchery and placed the eggs on the hatchery trays.

There is an excellent supply of water in the hatchery this winter. Previously, there was much trouble with the water getting low in the house, and on one occasion it stopped running altogether, owing to a defect in the dam. This fall a contract

was given to have the dam and water course-repaired, and now there is an abundance of water to withstand the severe frost this winter.

It is to be regretted that the supply of eggs in the hatchery is so small, as the arrangements of the house are complete, with sufficient room and appliances for several millions of eggs. I would, therefore, respectfully request that a few hundred thousand ova be sent here from some of the other houses having a large supply on hand. I am in hopes that in a few years the rivers here will be so improved that there will be no difficulty in obtaining a sufficient supply of salmon eggs to fill this establishment. The only thing needed to accomplish that much-desired end, is strict protection. There can be no doubt but that these rivers are well filled with young salmon "parrs," from 4 to 6 inches long. I have observed numbers of them along the river, more particularly in the cribs where the salmon were kept for pawning. I was informed by an old fisherman that he saw fully a thousand of these young salmon in one place at the mouth of the "Narrows," on the Tobique River. Quite a number of "grisle" were taken in the river when fishing for parent salmon. These would weigh from two to four pounds. Many of the "parrs" and "smolts" are killed by parties fishing; and this practice is not confined to boys alone, but to grown up persons as well. I have repeatedly cautioned the people against killing them, and if they hooked any of these fish to take them off carefully and let them go; but this advice goes unheeded, as the cupidity of the generality of fishermen is beyond control.

I must again refer to the question of protection. If a good and efficient guardian not appointed to strictly guard and protect the head waters of the Tobique River, on the 15th day of June each year, it will be impossible to get even a small supply of salmon eggs from it for this hatchery. If I were permitted to make some arrangements with the fishermen in the spring of the year to purchase salmon from them, perhaps something might be done towards getting a moderate supply, in connection with the other methods. There are three things which must attend the present method of obtaining salmon eggs here—slavish labour, with hardships; great expense compared with the small results, and very great uncertainty. I speak from experience. I have suffered severely in my efforts to capture salmon; combined difficulties make it exceptionally severe; namely, the extraordinary cold, stormy weather in the fall, and the uncommon low state of the water in the rivers. From this cause I was compelled to walk on foot fully one hundred and twenty miles through the woods in order to oversee the men's work. If the Superintendent of Fish Culture would devise some means of procuring a supply of ova for this hatchery, in like manner as at some of the other hatcheries, that would be satisfactory to the Department, I would most respectfully ask it to be done. But in case no other method than the present one will meet with the approval of your Department, I will nevertheless continue to do my utmost in succeeding years to secure as many eggs as possible.

Before concluding, I desire to refer to a novel occurrence that took place on the Tobique. It is well understood that rarely, if ever, has it been known that a salmon could rise to an artificial fly on the Tobique River, but last summer an American gentleman from Boston killed eighteen salmon with the fly on the right hand branch of the river. The question now presents itself, has artificial fish culture, by the introduction of fry from other rivers, caused this change? I am inclined to think it has.

With regard to the quantity of fuel consumed in this hatchery, it is about four tons of coal and twelve cords of wood per annum.

I have the honour to be, Sir,

Your obedient servant,

CHARLES McCLUSKEY,

Officer-in-Charge.

6.—MIRAMICHI RIVER HATCHERY.

MIRAMICHI HATCHERY, 31st December, 1884.

The Honourable A. W. McLELAN,
Minister of Marine and Fisheries, Ottawa.

SIR,— I beg herewith to submit to you my report of the fish hatchery under my charge.

In the spring of 1884 there were hatched and successfully planted seven hundred and ninety-five thousand (795,000) salmon fry, showing a small loss of ova while hatching.

The rivers in which fry were deposited are as follows :—

	Fry.
North-West Miramichi River.....	300,000
Little South-West Miramichi River.....	200,000
Big South-West Miramichi do	100,000
Sevogle River.....	100,000
Kenon's do	60,000
Stewart's Brook.....	35,000
Total	<u>795,000</u>

This autumn I succeeded in capturing two hundred and seventy-three (273) parent salmon. Of this number one hundred and sixty (160) were females, and one hundred and thirteen (113) males, from which I procured one million (1,000,000) eggs, showing an average of over six thousand (6,000) eggs taken from each female fish. The ova is progressing favourably up to the present time.

During the past summer your Superintendent of Hatcheries inspected this establishment, and ordered certain repairs necessary for the hatchery, which were completed. There was an entirely new cedar foundation put under the house, and a new floor put in the hatchery, constructed of pine deals. New hatching troughs were also put in; they were made of No. 1 pine boards, and were painted outside, and varnished inside with paraffine varnish, which tends to make them proof against decay. The walls of the hatchery were also lathed and plastered and newly clapboarded, to add to the warmth of the building.

With regard to the information asked for by the Superintendent as to the results of my operations, I am sorry to say that his circular did not reach me in time to obtain much information to have put in this report so as to have it sent to him by the time required, but I know myself, and from what I have heard the net-fishermen say, that the salmon catch for this year, especially in the lower parts of the rivers has been far ahead of any season for three or four years back.

I have also been told by a well-known angler of Newcastle, on the Miramichi, that he never saw the river so well filled with "grilse" as they are this season. When my men were at work catching parent salmon for this hatchery, they would sometimes sweep in over one hundred "grilse" from one pool.

There are a great many more shipping establishments on the river now than there were a few years ago, and they are all doing a large business in fresh salmon. This all goes to show that the salmon must be on the increase in our waters.

I have the honour to be, Sir,

Your obedient servant,

ISAAC SHAESGREEN,

Officer-in-Charge.

ADDENDUM.

Since I sent my yearly report, I saw Mr. Timothy Crocker, of Newcastle, who is a large fish dealer, and we had some conversation on fish-breeding. He gave me his opinion on the subject as follows:—

He thought there was no doubt but the artificial hatching was a help to increase the fish, but he thought that we were hatching the wrong *run of salmon*. He said the summer fish did not seem to increase much, but the fall fish were very plenty the last two or three autumns, and he was very anxious to see the artificial process get a fair start, and not run it down until it got a good trial. He said I could use his name in this way.

I also saw Mr. Johnson, Postmaster at New Castle, New Brunswick, who is well acquainted with the salmon fishing. He would not agree with Mr. Crocker about the runs of fish; he thought they were all the same kind of fish in all the rivers. He had no doubt but that the artificial breeding of salmon was a help to keep up the stock in the rivers. He said salmon were holding out well, considering the way they were destroyed. From the time that salmon enter the mouth of this river until they get up into the smallest parts of the streams, they are hunted and captured in every shape and form. He was speaking from personal experience, as he has been angling on all of our rivers for the last eight or ten years.

ISAAC SHEASGREEN.

P.S.—Mr. Crocker does a very large business in the fresh fish trade, and has been working among salmon since he was a boy.

7.—RRSTIGOUCHE RIVER HATCHERY.

RESTIGOUCHE HATCHERY, 31st December, 1884.

The Honourable A. W. McLELAN,
Minister of Marine and Fisheries, Ottawa.

SIR,—I herewith beg to submit the following report in connection with the working of this hatchery under my charge for the year 1884.

The fry hatched last spring and previously reported were planted in the following rivers:—

			Fry.
Nepisquit	River,	June 3rd.....	50,000
do	do	do 5th.....	50,000
do	do	do 7th.....	50,000
do	do	do 10th.....	50,000
Patapedia	do	do 16th.....	100,000
Upsolquitch	do	do 20th.....	100,000
Metapedia	do	do 23rd.....	100,000
Main Restigouche River	do	do 30th.....	440,000
Total.....			940,000

The fry planted in the Nepsiquit River were conveyed ten miles by water and thence by rail to Bathurst and carried twenty miles up the river by means of teams, and distributed some twelve or fourteen miles up and down the river from canoes along the natural spawning beds.

J. De Wolfe Spur, Esq., the lessee of the river, took great interest in this work and rendered valuable assistance, as well as being personally present, and he expressed himself as being much pleased with the mode of carrying out the work, and the

healthy condition in which the fry were distributed. The fry planted in the Restigouche and its tributaries were all towed to their destination in cribs, this being a sure and most successful mode of distributing, as they are subject to a liberal supply of pure water of an even temperature all the while. A portion of the fry were carried fifty miles up the river, and appeared just as lively as when they left the nursery.

Besides the number of fry hatched and distributed, four hundred thousand (400,000) eggs were conveyed on the 22nd of January to the St. John River hatchery and placed in the hatching troughs in fine condition. The removal of these eggs to the St. John establishment was due to the limited space in the old nursery for them, and being afraid of overcrowding the fry in the spring. But I must say that I do not approve of such a course of transporting ova or young fish from their native or parent river if it is possible to avoid it. In my opinion strenuous efforts should be put forth, for each hatchery to secure a supply of eggs from the river it is located on. Such a course would seem more justifiable.

Parent Salmon.

Our nets at "Tide-head" to capture parent fish were set on the 1st of June. Owing to high water and strong currents in the river, no fish were taken until the 10th of the month and fishing was over on the 10th of August. We succeeded in capturing one hundred and eighty-six fish, seventy-eight females, seventy-three males, and thirty-five "grilse." Thirty (30) salmon were purchased from James Gillis, lessee of an adjoining station, but as they were caught in large meshed nets they were more or less injured and died from the growth of fungus in their gills. Those caught in our own nets were kept in a good healthy condition, and from them was collected seven hundred thousand (700,000) eggs, which were packed in moss and conveyed by rail, water and carriage to the hatchery. They are at the present time in fine condition.

New Hatchery.

In accordance with instructions received, the work on the new hatchery was commenced in August and continued until cold weather stayed operations. It is, however, well on towards completion, and the whole of the material is on hand to finish the work, excepting brick and lime. The tank and troughs have been ordered, and will be ready for fitting up early next summer.

As the new hatchery is calculated to hold upwards of four millions of eggs, it will be absolutely necessary to obtain a large stock of parent fish next year, and to put up a small building for the use of the guardian as well as to spawn and strip the fish in. We had very great difficulty this fall in preventing the ova from freezing during the process, and a great deal of suffering was experienced by us in manipulating the fish, from the severe cold, which had already frozen over the pond.

Owing to the coast nets now taking an undue proportion of the salmon before reaching the estuary, the Department will have to arrange with the proprietors of the two nearest stations to the receiving pond to supply salmon to be taken in small mesh pound nets at current market prices, and a proviso to that effect should be inserted in their licenses for 1885. Their names are James Gillis and Melvin Adams. These parties should be at once notified of this requirement, in order to prepare nets suitable. If they refuse to comply, the Department will be compelled to take these stations under its own control, as I cannot see any other mode of getting a sufficient number of parent fish for the hatchery. Had I been permitted to supplement the stock of parent fish from the river this season, as usual, I could have easily obtained another half million of ova for this hatchery.

It appears the run of salmon here are quite different from the Miramichi or Nova Scotia salmon. There they come in as late as October, ripe and ready to spawn, and they are taken at the head of estuaries without difficulty. In these rivers salmon all

n during five or six weeks, often in two weeks early in the season. None enter in ptember or October.

As for the benefits of fish culture, I may mention that, in 1883, seventeen hundred (700) fish, or thirty seven thousand (37,000) pounds of salmon, were caught with e fly by anglers on the main Restigouche alone. Mr. Porter Mowat, fish dealer in mpbelltown, purchased one hundred and twenty thousand (120,000) pounds, ssrs. Hogg & Nye, sixty thousand pounds (60,000) from fishermen. Allowing fifty ousand (50,000) pounds for home consumption, there would be a total (for this rtion of the division) of two hundred and sixty seven thousand (267,000) pounds. ese figures can be verified, and are very different from the overseers' reports, which ow nearly one half less. This year, above Dalhousie, fishing has been poor, fully e-half less than last year, while below that point, on what is termed the coast fish- 7, it has been excellent. The freezers are all full, and railway returns give ures of nearly two hundred thousand (200,000) pounds of fresh salmon shipped from thurst alone.

Unfortunately the Restigouche is the only nursery for the Baie des Chaleurs. The est netting is very extensively carried on, and being supplemented now by close ps also, they take the major portion of the fish, and unless some change can be de in the setting and limiting the length of those nets on the coast, our river or uary fishing cannot expect the usual or requisite supply.

Very few salmon have been caught on the Matapedia or Upsalquitch Rivers by glers. Those rivers seem to be deserted or barren. Fine sport has been had on main river. For the last two or three years, it is the only salmon angling river have.

I have the honour to be, Sir,

Your obedient servant,

ALEX. MOWAT,

Officer-in-Charge.

8.—GASPÉ BASIN HATCHERY.

GASPÉ FISH HATCHERY, 31st December, 1884.

Honourable A. W. McLELAN,
Minister of Marine and Fisheries, Ottawa.

SIR,—I beg to submit a report of the operations at the Gaspé fish-breeding ablishment during the past year.

The ova last winter did well. The weather was very cold and the water supply consequence kept low. The young fish commenced hatching the end of May; e removal of them was commenced on the 18th of June, and finished on the 25th July. The work of distribution was stopped several days in July, on account of high water. The following is the number of fry distributed in each river:—

	Fry.
Dartmouth River.....	592,000
York River.....	144,000
St. John River.....	114,000
Grand River.....	9,000
Total.....	859,000

On the 28th of July I sent six cans, with nine thousand (9,000) fry to Grand er by steamer "Admiral," and on the 31st inst. I had the following reply pecting them: "The young fry carried well. I do not think there were ten dead s in the lot. Colonel Walker was pleased when he saw them on board the

steamer on Monday morning, and so smart. I placed four cans above the camp, and had hard work to get up river, it being so high."

In the month of July last I was honoured with a visit from Yourself, accompanied by your Superintendent of Fish Culture. The Gaspé hatchery then received your personal inspection. Mr. Samuel Wilmot also visited the receiving pond up river. Unfortunately, a heavy freshet was then running, which prevented the chance of seeing all the salmon that had been put in the reservoir.

The net for capturing parent fish was set on the 18th of June, and up to the 13th of July one hundred and three (103) salmon were captured. Owing to a 6 feet rise of water in the River Dartmouth, the net was removed on the 14th inst., and could not be set again until the 29th inst. Only four more fish were netted, making a total of one hundred and seven (107) fish put in the reception pond.

Manipulation of Fish.

The salmon were seined and placed in cribs on the 3rd of October. It was then seen that twenty (20) fish must have escaped during the July freshet, when a breach in the dam was made, as only eighty-five (85) fish could be found. Search was made some distance up the brook, but in vain. Although the water was very low, and scarcely any rain fell since the 1st of August, the fish were unusually late in spawning. They did not shed their ova until the 16th of October, and by the 8th of November the work was completed.

There were 38 female fish and 47 males, making a total of 85 parent fish manipulated for breeding purposes during the fall of 1884.

The number of eggs collected from these fish and laid down in the hatching troughs was two hundred and forty-five thousand (245,000).

On Wednesday, the 5th of November, a very high tide, with easterly wind and snow storm, had the effect of killing a large number of trout, and the following morning the watchman on going up the brook found some salmon dead in the scow, cribs, and stream. From the effects of the storm the water had a bad taste, and appeared about the color of indigo. I suppose the high tide must have carried up mud, or some injurious substance of a poisonous nature, which caused mortality amongst the salmon. The sudden advent of wintry weather prevented the remaining fish being carried round to the main stream.

Operations at Barachois.

In accordance with Mr. Wilmot's instructions, a telegram was sent Mr. John McCallum on the 14th of October, to secure as many parent fish as possible, and twenty-eight (28) were caught and placed in the pond. Spawning commenced here on the 3rd of November and finished on the 8th inst. There were fifteen (15) females and eleven (11) males, which gave ninety-six thousand (96,000) eggs. Two fish remained in the pond, and could not be caught on account of the long grass. The salmon were marked and carried out to the main river. The fish handled here and at Gaspé were all small sized-ones.

Mr. McCallum has observed that salmon enter the Barachois River much earlier since young fish were planted there. For instance, in 1874 salmon only entered the pools the end of August; and this year some came up as early as the end of June, and many more fish are now seen than formerly.

Repairs of Hatchery.

In accordance with instructions received, I purchased two thousand (2,000) feet of 2-inch pine flooring. I commenced removing the old floor on the 6th of August, and found that all the troughs were decayed. I therefore purchased sixteen hundred (1,600) feet of inch boards and engaged a carpenter, who commenced work on the 11th of August and finished the work on the 17th October. Having placed a

new floor and troughs throughout, I filled in between the sleepers with stone and sand, and replaced the zinc tubes in the reservoir by wooden taps, which are a great improvement and will prevent, to a great extent, the leakage of water on the floor. The cost of this extra work has been one hundred and eighty-three dollars (\$183.00).

General Remarks.

The three hundred and forty-one thousand (341,000) eggs now in the building are a small number compared with last year. The water supply would be quite inadequate to run the troughs were they filled with ova this season, and unless there is a rainfall before the cold weather sets in, I anticipate having to remove all the trays to the three lower boxes.

New galvanized iron stovepipes have been got, as the old ones were rusted and decayed with the dampness arising from the continual flow of water through the building. Finding, also, that the stove in use was unsafe, I ordered a new coal stove from Quebec.

Before closing I may be permitted to insert here the views entertained by Colonel Walker, lessee of the Grand River, with regard to the benefit resulting from the operations at the Gaspé hatchery. He says, when giving in his angling score, thus: "I think it an ascertained fact beyond doubt that the majority of salmon now being caught in this river are the result of stocking it with fry from the Gaspé hatchery."

I have the honour to be, Sir,

Your obedient servant,

PHILIP VIBERT,

Officer-in-Charge.

SUPPLEMENT.

The following remarks I beg to submit with my report on fish breeding:

"The whole system of fish culture should be closely studied by all those in charge of the several hatcheries now in operation, with a view to ascertain if there be any defects in our system: The best mode of securing the fish. The size of retaining ponds for penning them in. Manipulation of the fish. The safest plan for carrying the ova to the breeding house. The easiest and most economical system of planting the young fry in the rivers. The cans most suitable for conveyance. The distance the young fish should be placed up stream. All these details, and others too numerous to mention, should be mutually discussed by fish culturists. A conference of the officers in charge of the establishments with the Superintendent of Fish Culture might lead to a large amount of information on this important public topic." The present system of watching some of our valuable salmon streams is not calculated to improve the river and coast fisheries, and in some cases too many licenses for salmon nets have been granted. Great care and supervision is needed at all salmon rivers, where smelt, trout and other fish are seined by cod fishermen for bait, or otherwise, in order that young salmon may not be destroyed, as they too frequently are.

Respectfully,

PHILIP VIBERT,

Officer-in-Charge, Gaspe Hatchery.

9.—TADOUSSAC HATCHERY.

TADOUSSAC FISH HATCHERY, 30th November, 1884.

The Honourable A. W. McLELAN,
Minister of Marine and Fisheries, Ottawa.

SIR,—I have to report that there was hatched out at the Tadoussac hatchery 985,000 salmon fry, disposed of as under :—

	Fry.
In St. Margaret, North-West Branch.....	230,000
do North East Branch	90,000
Petit Saguenay River.....	180,000
L'Anse St. Jean River	225,000
Petite Isle River.....	50,000
In small streams running into fish ponds near the hatchery	210,000
	<u>984,000</u>

The salmon rod fishing has been good in most of the streams in my district, especially L'Anse St. Jean, Petit Saguenay and the River à Mars. The lessees are well satisfied with their sport, and the guardians report plenty of parent fish in them.

The St. Margaret River, north-west branch, is not fished as well as usual. In the northeast branch the fishing has been bad, which I attribute, to a great extent, is owing to a change in the channel of the river at the forks, where it joins the north-west branch, the channel being partially blocked up with stones, rocks and gravel, the result of the banks of the river being washed away. The guardians report breeding fish in the two rivers plentiful.

A great number of smolts have gone from our ponds to the salt water this year, and I have no doubt this mode of allowing them to go when they are able to take care of themselves, will prove a great success.

The salmon net fishing has not been quite so good as usual, which I attribute to their being cut off by nets on their passage upwards. The fish came up from the sea later than usual.

We secured for the hatchery this season, two hundred and seven (207) parent salmon; one hundred and seven (107) females, and have now on the trays in the hatchery, seven hundred and seventy-five thousand (775,000) ova, many of the female fish being small, have not yielded as much ova as usual.

The hatchery will require some repairs next year, the flooring, water tanks, and especially the foundation. The heavy gale and high tides of the 5th and 6th inst., have floated the wharves around the hatchery, uncovering some part of them and washing away some of the planking and facing of them.

Our dams are in good order and retain the water well.

I remain, Sir,

Your obedient servant,

JOSEPH RADFORD,

Officer in charge Tadoussac Hatchery.

10.—MAGOG HATCHERY.

MAGOG FISH HATCHERY, 31st December, 1884.

The Honourable

A. W. McLELAN,

Minister of Marine and Fisheries, Ottawa.

SIR,—I have the honor to submit the following report of the work in connection with the Magog fish hatchery for the past year.

I commenced seining for lunge or salmon trout in Lake Memphremagog on the 1th day of October, 1883, and succeeded in catching and depositing in the pens at the hatchery, one hundred and eighty (180) parent fish, from which I obtained one hundred and sixty thousand (160,000) eggs.

As you have heretofore been informed the "Magog Textile and Print Company" in 1882 purchased the water power on the Magog River, and commenced building a dam across the said river below the hatchery. The dam was not fully completed in the fall of 1883, so the water could not be raised to a sufficient height to put in operation the new hatchery which (by arrangement with your Department) had been erected and located near the new dam on a site selected by your deputy, Mr. W. F. Whiteher, in the fall of 1882.

The dam in question, though left in the fall of 1883 in an incomplete state, was raised high enough to cause the inundation of the hatchery to the depth of several feet during a freshet. When informed by Samuel Wilmot, Esq., inspector of fish culture, that he proposed to forward to the Magog Hatchery a large number of eggs from Newcastle, I explained to him that it would be unsafe to attempt to take care of more eggs than we then had on hand.

When the rains came in the spring, the water rose until it was four feet in depth over the floor of the hatchery, and it was with the greatest difficulty that the stock of eggs on hand was saved. In order to do so I was compelled to deposit the stock on land in Lake Memphremagog before full development.

The aforesaid dam is now fully completed, and everything is in good order for successful work, so far as relates to the hatchery building, machinery and water. All further work in the building of fences around the grounds and the construction of pens may be required.

In regard to the fall operations, I beg leave to say that I commenced seining on the sand banks in Magog Lake on the 13th of October, and continued the work until driven off by storm and wind. When the weather moderated the fish had left the sand beds and gone further out in the lake to the spawning grounds on the gravel shoals, where it was impossible to follow them. I then moved my men up the lake about eight miles, to Lords Island, where we seined for several days, and succeeded in catching a good many fish, but unfortunately, nearly all of which were caught in places where were males, and what few females there were taken at the last named place had spawned. So that while I caught about one hundred and fifty (150) parent fish, I was unable to secure eggs enough to be of any importance, and in consequence, the Magog Hatchery will have to depend upon other sources for its supply of eggs for the ensuing year.

I now beg to report what I have before stated that, were you to authorise the expenditure of a small amount of money in preparing the spawning grounds for seining, a sufficient number of parent fish could be caught to stock the Magog Hatchery very fairly each year, and quite enough to make it practically independent of the western lakes in Ontario, and result in increasing to a satisfactory extent the supply of fish food in the various sheets of water in the Eastern Townships.

In order to learn the opinion of competent judges regarding the effect which the propagation of fish in the Magog Hatchery has had upon the production for the past year or two, I addressed several letters to prominent men living near Lake Memphremagog, and requested answers. Amongst those which have been received, I have the honour to forward the following copies for your perusal, which will, I trust, serve

to convince you that the work and expenditure in connection with this establishment has not been devoid of good results. I am confident that the increase in the numbers of salmon trout in Lake Memphremagog during the past two or three years would amount to fully as much as the expenditure which has been made for their production. The information which I get from reliable sources in connection with my own personal knowledge, convinces me that salmon trout are increasing very rapidly, that they are much larger than what were formerly caught, and that it is in a great measure owing to artificial production and better protection during the "close season."

All of which is most respectfully submitted.

Your obedient servant,

A. H. MOORE,

Officer in Charge.

GEORGEVILLE, 20th November, 1884.

Mr. A. H. MOORE, Magog.

DEAR SIR—In reply to your questions as to the effects the deposit of small fry from the Magog Hatchery in Lake Memphremagog has had upon the fish production in said lake, I have to say that, there is no denying the fact that there are more fish in the lake now than there ever were before, and I cannot account for the rapid increase except it be through the work of an artificial production, and the protection of the fish during the "close season."

Yours truly,

W. H. KEYES, M.D.

GEORGEVILLE, 22nd November, 1884.

Mr. A. H. MOORE, Magog.

DEAR SIR,—In reply to your enquiry regarding the effects of the artificial propagation of fish and their protection in Lake Memphremagog, I beg to say that I have lived near the shore of the above mentioned lake for over twenty years. During that time I have had some knowledge of the state of the lake respecting the quantity of fish caught each year, and I am fully convinced that there has never been a time when salmon trout were as plentiful in this lake as they now are. I am aware that some sixteen thousand pounds (16,000) have been caught with the hook during the past year. I attribute the extraordinary increase to the large quantities of small fry hatched in the Magog Hatchery and deposited in the lake, and the protection of the salmon trout during the "close season."

Yours respectfully,

N. A. BEACH.

GEORGEVILLE, 22nd November, 1884.

A. H. MOORE, Esq., Magog.

DEAR SIR.—You ask to know what my opinion is regarding the increase of salmon trout or "lunge" in Lake Memphremagog.

I have had an opportunity of noticing the condition of the fishing business upon the above named lake for fifteen years, and of inspecting the fish on the shoals during the "close season" and along the shore for that length of time, and there has not been a year when the salmon trout has been so plentiful as they were this season. They could be seen in large quantities in the day time, on their spawning beds and in shoal places and they appear to be larger than usual.

I believe that the increase of fish is due to the Magog Hatchery, and also to protection during the close season.

I am, dear Sir,

Yours very truly,

WM. M. GOWAN, JR.

MAGOG, 27th November, 1884.

A. H. MOORE, Esq., Magog.

DEAR SIR.—Your letter of the 16th October, was duly received, and in reply I beg to say that I have lived near Lake Memphremagog nearly all my life and have been engaged in fishing, more or less for over twenty years, and there never has been a time within my recollection, when the “lunge” or salmon trout, were as plentiful as they are now. I know of several fishermen who have made from \$25 to \$50 per month, by fishing in the lake during the past summer with hook and line.

I have seen more beds on the shoals or the spawning grounds this year, than I ever saw before. I cannot account for this great increase in any way, unless it be caused by the protection of the lake, and by the deposit of small fry from the Mogog Hatchery.

Yours very truly,

D. E. PETERS.

11.—NEWCASTLE HATCHERY.

NEWCASTLE FISH HATCHERY, 31st December, 1884.

The Hon. A. W. McLELAN,

Minister of Marine and Fisheries, Ottawa.

SIR,—I have the honour herewith to submit to you my Annual Report of Fish Cultural Operations connected with this establishment for the past year.

The total number of fry of all kinds hatched and distributed from the Newcastle nursery, during the spring of 1884, was eight million eight hundred thousand (8,800,000), which were divided by species as follows:—

Salmon trout.....	5,150,000
White-fish.....	3,500,000
Speckled trout.....	50,000
Black bass.....	100,000
Total.....	<u>8,800,000</u>

These were successfully planted in the following named waters in the Province of Ontario:—

White-fish.

Lake Ontario.—Newcastle, County West Durham.....	500,000
do Bowmanville, do do	500,000
do Cobourg, do E. Northumberland..	500,000
do Toronto, do York.....	500,000
Lakes in Addington and Frontenac Counties.....	500,000
Lakes in Scotland, on Marquis of Lorne's estate.....	500,000
Lakes in Ottawa district.....	500,000
Total.....	<u>3,500,000</u>

Salmon Trout.

Lake Ontario.	Newcastle, County	West Durham.....	500,000
do	Toronto, do	York	600,000
do	Oakville, do	Peel	200,000
do	Hamilton, do	Wentworth	200,000
do	Port Hope, do	East Durham	100,000
do	Cobourg, do	W. Northumb'l'd ...	300,000
do	Whitby, do	South Ontario.....	100,000
do	Picton, do	Prince Edward....	100,000
do	Bowmanville, do	West Durham.....	500,000
do	Brighton, do	E. Northumb'l'd...	100,000
do	Kingston, do	Frontenac	500,000
do	Belleville, do	South Hastings....	100,000
do	Niagara, do	Lincoln	200,000
Lake Simcoe.	Barrie, do	Simcoe	100,000
do	Orillia, do	Simcoe	100,000
Lake Erie.	Port Stanley, do	Elgin	200,000
do	Port Dover, do	Norfolk	200,000
Georgian Bay.	Wiarton, do	Bruce	200,000
Lakes in North Riding of Hastings.....			100,000
Muskrat Lake, County of Hastings.....			100,000
Lakes in Addington and Frontenac Counties.....			200,000
Lakes in County of Leeds.....			100,000
Stoko Lake, north of Belleville.....			100,000
Lakes in Ottawa district.....			250,000
Total.....			<u>5,150,000</u>

Black Bass.

Lakes in North Riding of Hastings.....	50,000
Lakes in Stanstead County, Quebec.....	25,000
Pond at Newcastle Hatchery.....	25,000
Total.....	<u>100,000</u>

Speckled Trout.

Distributed in various streams in Ontario	50,000
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The white-fish eggs shipped to Scotland for the Marquis of Lorne were reported as having reached Inverary in good condition. Considering the long distance these eggs were transported, it is very gratifying, indeed, to have such a favourable report of them. The salmon trout and white fish eggs which were, by orders from the Superintendent, sent to Ottawa, reached their destination safely, and were hatched in the Fisheries Museum and successfully distributed in several lakes in the Ottawa district.

With regard to the general distribution of fry from this hatchery in the spring of 1884, I am pleased to state that the young fish were liberated with but little loss. Some of the points where they were distributed were a long distance from the hatchery, and before the work was completed the weather became very warm. Notwithstanding this fact, and the many difficulties connected with the planting of fry at such great distances, they reached their destinations in a healthy condition, with the exception of two shipments, intended for Owen Sound and Meaford. These, however, were planted in Lake Ontario, opposite Toronto, as they showed signs of exhaustion after remaining over night to connect with the train going north in the morning.

Just at the time when the fry were about hatching out, a portion of the dam was carried away by a heavy spring freshet. This caused a great deal of anxiety, and considerable trouble was experienced in order to keep the fry alive. The water in the upper hatching room was completely stopped when the freshet subsided, and it was found necessary to remove the eggs down stairs. As the lower flat was well filled with eggs, those brought from above made the lower hatching troughs overcrowded, and it was feared at one time that they would all suffocate for want of a sufficient supply of aerated water. However, the small supply of spring water otherwise used was conveyed into the tanks outside, and as the fry hatched out they were transferred from the troughs inside the building to the spring water tanks in good condition, and no loss of any moment was sustained. The breakage in the dam was repaired at the earliest possible convenience, and it is to be hoped that it will give no further trouble.

By orders from the Superintendent of Fish Culture, this hatchery was repaired during the past summer. Portions of it were found to be in a very dilapidated state, and had become much decayed by dampness, from the continual flow of water through it since its erection; so much so that it was unsafe to even walk across the floors. New floors, sills and hatching troughs were put down in place of the decayed ones. The rooms were painted and white-washed, and the establishment generally overhauled, thus making it fully complete as regards its requirements.

During the fall of 1884 there were collected and laid down in this nursery upwards of seven million five hundred and fifty thousand (7,550,000) eggs. These are described by species as follows:—

Salmon trout.....	4,000,000
White-fish	3,500,000
Speckled trout.....	50,000
Total.....	<u>7,550,000</u>

The salmon trout eggs were obtained at Pigeon Island (Lake Ontario) and at Meaford (Georgian Bay). The white fish eggs were got from the Sandwich Hatchery, and the speckled trout from Tadoussac in Quebec. The Pigeon Island eggs are at present in a remarkably healthy condition. The Meaford ova do not look so well, but are in about the same condition as those gathered from the Georgian Bay in previous years. It is generally estimated that a larger percentage of eggs is hatched from those taken at Pigeon Island than from those collected at Meaford. This loss, in the latter case, is due to the following causes: (1) The nets are allowed to remain in the water at the Georgian Bay fisheries sometimes for ten days before being lifted, when many of the fish are dead; the eggs, therefore, become unsuitable for impregnation. (2.) Frost frequently kills the eggs while being collected at such long distances out in the lake, sometimes twenty-five miles from shore. (3.) In transporting the eggs to Newcastle by railway from Meaford, some (160) hundred and sixty miles, they are subjected to rough handling by express agents and others. In this way many losses occur.

Distribution of Fry.

In connection with the distribution of salmon trout fry from this establishment, I would suggest that the greater portion of the coming spring stock be planted in Lake Ontario. For some years past the fry have been distributed in many places throughout the Province of Ontario, in numbers ranging from one hundred thousand to five hundred thousand, in numerous localities, as may be seen in the schedules of distribution for 1881-2-3-4. This plan which has been adopted for some years past, does not give the hatchery such a fair opportunity as it is entitled to for showing what "practical results" can be accomplished in the way of re-stocking many depleted waters. If the coming spring's stock of fry were principally deposited in Lake Ontario, at suitable points, such as Newcastle, Port Hope, Toronto, Kingston

and some other places where it is known for a certainty that this species of fish has been in the habit of spawning naturally, and is generally caught for marketable purposes, there is no doubt but the Department would be able to show greater results in the increase of these fish. It is unwise to have the young fry distributed in small quantities at such long distances from the hatchery, and in so many different localities. It would be more advantageous to plant them otherwise, which might be thus: Lake Ontario to receive the fry for distribution from the hatchery in the coming spring, and some other important water could be stocked another year, and so on. These large deposits would then be more beneficial than the small supplies given to so many waters as heretofore. This is an important question for consideration, and the Department should take some active steps to have the plan now suggested carried into effect.

Water Supply.

The water supply at this hatchery is not as pure as it should be. Owing to various reasons the stream upon which the breeding establishment is erected has of late years become very much changed in its nature. At one time the water was pure, cold and limpid, but latterly, especially during the hot weather, it is warm, foul, and too unhealthy for the rearing of the higher orders of fish, which are hatched in this establishment. This unfitness, however, does not prevent the hatching of the better kinds of fish during the winter months, but it *does* very materially interfere with keeping the fry on hand afterwards and during the hot weather, as the water becomes so warm as to kill the fry.

It is a well known fact that, as a country becomes cultivated and cleared of its forests, and has manufacturing establishments erected upon its streams, the water in that section becomes unsuitable for the rearing of the salmonidæ family. The ploughed lands and the modern system of drainage carries decayed vegetable matter into the water. Barnyard drainage, also, runs into the streams; and manufactories, with their poisonous dies and other deleterious substances, completely pollute the water. The forests, also, with their shade trees, which were at one time standing on the banks of the rivers and brooks, gave cool shelter to the water. All these have now disappeared, and the extreme heat of the sun's rays has the effect of making the water excessively warm in the summer. To overcome this annually increasing difficulty an *artesian well* should be sunk here in order to have the hatchery at all seasons supplied with water of a good character. The cost of having this well bored would be trifling when compared with the many benefits to be derived from its usefulness. In this case the difficulties from spring freshets, which bring down great quantities of poisonous sedimentary matter upon the eggs, causing suffocation to the delicate fry, trouble to the employees of the hatchery, and expense to the Department, would be largely overcome; and, above all, the ponds now connected with the establishment could be used in the growth of young fish; whereas, in their present state, they are becoming almost useless. The foul creek water running through the ponds in the summer months causes weeds and filth of every description to grow so fast that it takes constant attention and considerable expense to keep them looking even respectable.

The grounds connected with this fishery are very picturesque in summer. They are visited by hundreds of people during the hot weather, and admired very much. If an artesian well were sunk to supply the ponds and hatchery with pure, fresh water, it would be a benefit in every way. Enquiries have been made in several localities where the artesian wells are in use, and it is found that they can be sunk with little expense, especially in this section of the country, where springy land abounds, and no obstructions are to be found in the way of rocks. It is to be hoped that the Department may consider it advisable to have this project carried into effect during the coming summer.

I have the honour to be, Sir,

Your obedient servant,

C. WILMOT,

Officer-in-Charge, Newcastle Fish Hatchery.

12.—SANDWICH HATCHERY.

SANDWICH, 20th December, 1884.

The Hon. A. W. McLELAN,
Minister of Marine and Fisheries, Ottawa.

SIR,—In obedience to the call made upon me by Mr. Superintendent Wilmot, to furnish a correct report of the doings in the Sandwich fish hatchery, on the Detroit River, of which I am in charge, I herewith send a statement of the operations for the last year, giving you a full account of the eggs gathered, the number hatched, and how disposed of.

In my last report I made a showing of having gathered thirty-five million (35,000,000) whitefish eggs at the different points along the Detroit River. Out of this amount of eggs I managed to hatch twenty-seven million (27,000,000), which I disposed of as follows:—

Peaché Island	2,000,000
Fighting Island.....	2,000,000
Bois Blanc Island.....	4,000,000
Leamington, Lake Erie.....	2,000,000
Pelee Island do	1,000,000
Port Stanley do	1,000,000
Belle Isle, Detroit River.....	2,000,000
Kent County, Lake Erie.....	1,000,000
Pigeon Bay do	1,000,000
Meaford, Georgian Bay	3,000,000
Niagara, Lake Ontario.....	2,000,000
At Hatchery, Detroit River	6,000,000
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	27,000,000
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The young fry were in a very healthy and lively condition when placed in the water at the different points, and I have the greatest hopes of hearing a good report of them in the future.

The amount of pickerel eggs gathered this last spring was fifteen millions (15,000,000), a much smaller amount than was gathered the spring before. This can be accounted for by two reasons. The first reason to be given is that the catch of pickerel this spring was very light: the second reason is that the Americans have taken a mania to hatch pickerel since we commenced the work, and are monopolizing all the fisheries on the American side, which side we have principally to look to for the eggs. The places where the eggs were got, and the numbers, are as follows:—

Weir Bros., Lake Huron.....	2,000,000
Loussau's do	1,000,000
Hichcock & Slochums, Lake Huron.....	6,000,000
Gauthier's grounds, River St. Clair, American side.....	5,000,000
Meloche's grounds, River St. Clair, Canadian side.....	1,000,000
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Total.....	15,000,000
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Six millions of these were planted in the river at the hatchery and four millions in River St. Clair, which makes a total of ten millions, all that were hatched. These figures show a decrease from last year's report, both in number of fish turned out and ova received. I had considerable trouble in collecting the eggs, which trouble I stated in my last report.

The hatchery was considerably run down and required some repairs, part of which I have had done. In my last report I stated that a new pipe was required to

lead to the river. Not having received any instructions in regard to it at this time I had a screen made to cover the mouth of the pipe, the last and all previous screens having been broken and torn away by the flow of ice, which is very heavy here in the winter. The screen is working well at present, and I expect that I will be able to get along admirably well with it this winter.

From information received from the different fishermen along the Detroit River, I have every reason to believe that the catch of whitefish this year will be much greater than that of last year, but as the fishing season is not more than half over, I cannot give as adequate a report as might be required at the present time of writing, but will send it on when spawning time is over.

ADDENDUM.

SANDWICH, 20th December, 1884.

The spawning time of whitefish is now over, and I send my report of this fall's operation in collecting eggs, as promised.

The catch of whitefish this fall has been somewhat in advance of that of last season, and from every information received from a majority of the fishermen along the Detroit River, I am given to understand the catch has been quite satisfactory. Of course there have been some grounds that had a smaller catch this fall than last, and in consequence caused some fishermen to be dissatisfied; but if the catch had been three times what it was, these same men would have been grumbling because they did not catch still more. On the whole, the catch is an increase from that of last fall. I have just filled the hatchery with ova from the following grounds, from which I secured fifty million eggs. The numbers of whitefish eggs at each place are as follows:—

McKees, Bois Blanc Island.....	25,000,000
Reume's, Stony Island.....	24,000,000
Meloche's, do	1,000,000

Making the total now in hatchery..... 50,000,000

These eggs are looking well and are in a healthy condition. The improved "Wilmot jars," which we are using, do their work so well that it is very easy to detect the bad eggs in the glass incubators. On this account I expect to turn out a very large percentage of the ova now in course of hatchery.

Enclosed with this report of my proceedings will be found a memorial signed by most of the principal persons residing here, setting forth their views with regard to the benefits realized from the work done at this hatchery.

I have the honour to be, Sir,

Your obedient servant,

WM. PARKER,

Officer-in-Charge.

MEMORIAL.

SANDWICH, 11th December, 1884.

To the Honorable the Minister of Marine and Fisheries :

We, the undersigned members of the Councils of Sandwich Town and Sandwich West Township, and principal fishermen along Detroit River, and others, interested in the welfare of the County of Essex and its industries, do feel a deep interest in

the maintenance of the supplies of white fish and other kinds of fish in this section of the county, and desire to express our belief in the benefits which are derivable, and have been realized from the large number of young white fish and pickerel which have been bred and turned out from the Government fish hatchery at Sandwich, on the Detroit River. And further, we do believe that the Government, in its wisdom, is looking to the interests of the people of this section of the county in the maintenance of the said hatchery.

Arthur C. Verner, mayor.

James McKee, reeve.

F. Bridges, councillor.

James A. Stewart, clerk District Court.

Louis Rafferty, ex-reeve.

R. Gluns, councillor.

Thos. H. Wright, Co. Treasurer, Essex.

Pierre Domillard, reeve, Sandwich W.

Noël Jolie, deputy reeve do

Elisha McKee, councillor do

Wm. Benson, collector of Customs.

J. Davis, inspector of distilleries.

C. A. Pequegnot, merchant.

G. W. Mason do

John Speers do

C. W. Gauthier, fish dealer,

Danl. Meloche, fisherman.

Wm. Overton do

R. Gignac, ex-reeve and fisherman.

Joseph Parre do

James Smith do

Robert Adamson do

Jos. D. Meloche do

Henry C. Bell do

C. Berritan do

Geo. A. Gauthier do

Wallace Gauthier do

C. H. Ashdown, public school teacher.

Joseph Allen, fisherman.

Frank E. Marcome, deputy clerk H.C.J.E,

J. C. Iler, sheriff.

